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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.

Estueck  
June 25, 1975  
Fidelity Onion Skin  
50% COTTON

Mrs. James L. Cockrell  
1422 Macgregor Ln.  
Ann Arbor, Michigan 48105

Dear Susanna:

Thanks so much for the note and keen picture (wherever did you get that great pectoral whatever it is?). It was startling when I had Emily Giffin in my class earlier this year to discover the relationship between her and an old friend of the family. I have just been for a month on the Glomar Challenger in the Black Sea, and I'm leaving in two or three days for the Soviet Union and other places, so do not have much time for a real note. However, I certainly will keep in mind the information that you're right there in Ann Arbor and one of these days when I get home to Michigan to visit my Mother (who is still ~~half~~ and hearty at 82), I will try to look in on you (with suitable warning of course!).

Thanks again for the picture and pleasant memories it evokes. Best wishes, as always.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT:kc

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

15 September, 1991

Dr. J. A. Coetzee  
P. O. Box 1314  
Somerset West  
7130  
South Africa

Dear Joey:

Many thanks for your very nice letter of 27 August, which just came. The delay hasn't mattered at all, as the student has been busy all summer, just with getting his family re-situated in Saudi Arabia, etc. Among other things, the extended family--uncles, etc., required him to purchase eleven (!) automobiles here before he left, arrange to transport them to the Port of New York and for shipment home. He paid cash. All of us were dumbfounded. I will send him a copy of your letter. Who knows, something may come of it! The plants represented on the stamps on your letter certainly are a couple he should consider. (Your air-letter itself was also delightfully botanical.)

If our health holds, we will certainly turn up in RSA some day. We appreciate the invitation. We are both delighted that your country is once again being treated in our news media as a real country and not just a whipping boy.

Best wishes to you, as ever.

Yours very truly,

Alfred Traverse

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16 May, 1991

Dr. Joanna A. Coetzee  
P.O. Box 1314  
Somerset West  
7130 South Africa

Dear Joey:

Good to have an excuse to write to you. Hope everything is going well for you.

Here we are just finishing Spring Semester, and in a way that's my reason for writing. A graduate student of mine, Said Alhajri, is going home to Saudi Arabia. It was a "tough sell," but during his time here he has got "turned on" by plants, and I have inspired him to continue the interest at home. It will be an even tougher sell there, but I gather money at least is no problem for Said. He wants to start a botanical garden.

Questions: 1. How could he obtain a couple of small Welwitschia plants (or failing that, seeds)?

2. Can you think of a listing of trees and shrubs for utterly arid zones? His area of Saudi Arabia gets about 7.5 cm precipitation a year and never gets a frost--sounds good for Welwitschia! I have recommended some Arizona things already.

I have a Fulbright for half of next year, and Betty and I will be at Senckenberg Museum, Frankfurt Jan.-July, 1992.

When you next visit North America, please come here. The list of guests who've been at " " is getting impressive--Faegri, Schaarschmidt, Boulter, Chaloner, etc. I'd love to add Coetzee!

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  
phone: 814-863-3419  
fax: 814-865-3191

23 January, 1991

Dr. Johanna A. Coetzee  
P.O. Box 1314  
Somerset West  
7130 South Africa

Dear <sup>Johanna</sup> Joey:

The Haemanthus note paper is so interesting! And, of course, I collect in desultory fashion plant stamps, so that was a winner.

It was indeed fun to be together in St. Louis, though I was much distracted. As it turned out, it was the last time for me to be with Mother--she died on 11 October in the hospital. I was so glad I had a nice day with her on the 6th, during the symposium.

We do wish you could include PA on one of your North American forays.

All the best for 1991.

Yours very truly,

Alfred Traverse

AT/et

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10 October, 1988

Dr. J. A. Coetzee  
P.O. Box 1314  
Somerset West  
7130 South Africa

Dear Joanna:

Yours of 9 August and a similar one of another date were both here when we got back from Australia on 6 September. (We left here on 9 August after a couple of weeks of uncertainty that Betty could go--she had a hurry-up hysterectomy-plus on 19 July and had only 3 weeks to recoup before we took off--she did very well.)

I understand about the book chapter and about your no-show at Brisbane, where you were greatly missed and much mentioned. We appreciate the invitation to visit S.A.--something I'd love to do and somehow am determined to manage--perhaps on the way somewhere else?

I loved the Protea cynaroides stamp. We did a little hiking in the Banksia country of the Blue Mountains west of Sydney. I had visited the area in 1981 and was determined for Betty to see it too.

All the best.

Yours very truly,

Alfred Traverse

AT/et

9/8/55

Dear Alfred,

I wrote to you yesterday apologizing for the late answer to your letter of 8 May.

Unfortunately I forgot to add another stamp to it and I am afraid it will go surface mail now which would make matters even worse.

I am extremely sorry that I have not yet replied to your kind invitation to write a chapter on polynomorph sedimentation in Africa. Your letter arrived while I was in the throes of packing to move to the Cape where I am now living. This upheaval affected my correspondence very badly as it took a long time to organize myself in my new abode.

Now that I am separated from the main source of literature it is going to be very difficult for me to comply with your invitation. I shall not be able to do it properly in the short time left and I feel that at this stage it would be better to approach someone else. Dr H. Hooghiemstra of the Hugo de Vries Inst. has done excellent work on marine polynomorph sedimentation and paleoclimatic interpretation of the NW coast of Africa. Dr Coues from Montpellier has also produced surprising results from a study of polynomorph sedimentation in the Sahara. There is also Alan Hamilton of N. Ireland who has done excellent work in East Africa.

I really am very sorry about this terrible delay and that I shall not be able to tackle this, much as I would have liked to. I really feel honoured that you asked me. I only hope I have not inconvenienced you too much.

The Cape is really wonderful to live in and I am still hoping that you and Betty will visit us one day. I shall be able

Aerogramme  
Aërogram



Strelitzia reginae

Disa uniflora

Zantedeschia pentlandii

Crinum bulbispermum

To/Aan Prof. Alfred Traversé  
Dept. of Geosciences  
Palynological Laboratories  
The Pennsylvania State  
University  
435 Deike Building  
University Park  
PA 16802  
U S A

Second fold—Tweede vou

Sender's name and address  
Naam en adres van afsender

J. A. Coetzee  
P.O. Box 1314  
Somerset West  
7130  
S. Africa.

Seal the two side flaps first, then this one  
Verseël eers die twee syklappe, dan hierdie een

Enclosures are not permitted  
Insluitings word nie toegelaat nie

To open, cut this flap first

First fold—Eerste vou

to take you to see many places of interest.  
I hope you will enjoy the  
Brisbane Conference. I am so sorry that I  
will not be able to attend. It is too far  
and too expensive for the route that I will  
have to travel. There is no longer a direct flight  
from S. Africa to Australia. The boycotting that  
goes on by countries that have too legs to stand  
on themselves always baffles me!  
With kindest regards to Betty also  
yours sincerely  
Joanna

P.O. Box 1314  
Somerset West  
7130  
S. Africa.  
5/8/88

Dear Alfred,

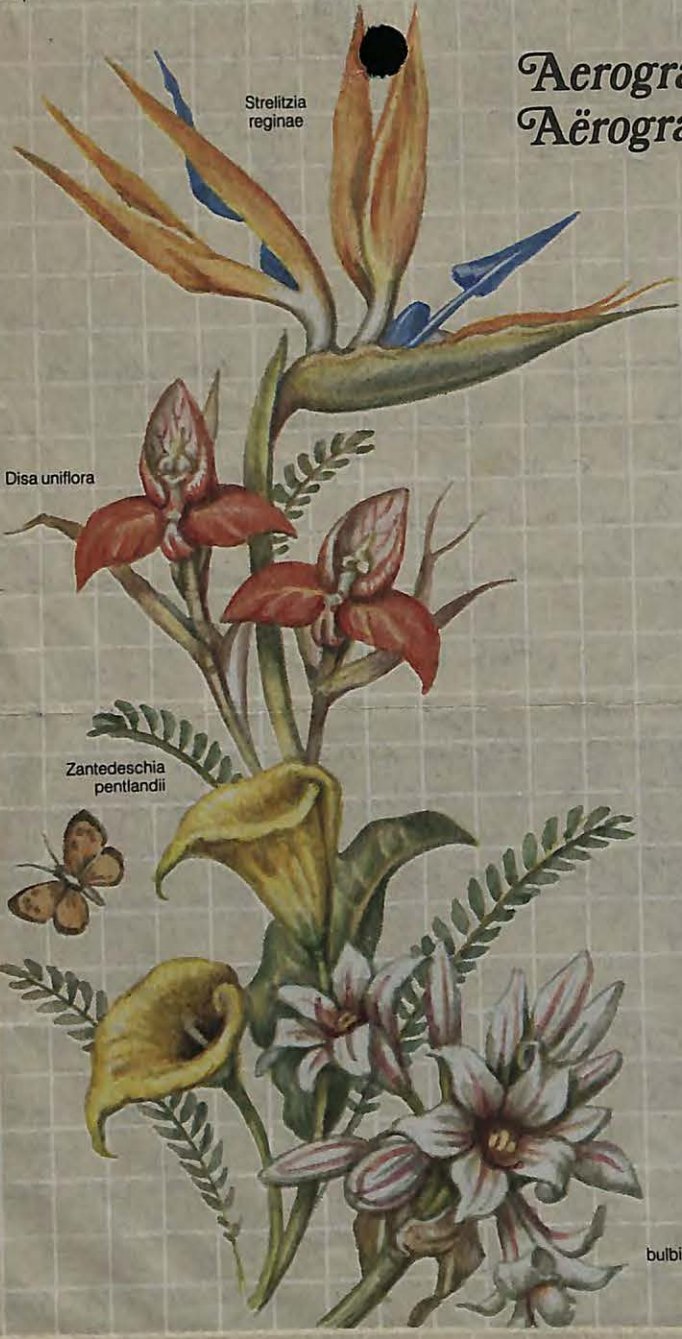
I am afraid you must be thinking very badly of me by now as I have not yet answered your letter of 8 May. I really am very sorry about it but there has been a reason for this long delay. I only hope it has not inconvenienced you.

Your letter arrived while I was in the middle of packing to make a permanent move to the Cape. I was running against time and had underestimated the whole exercise and also the selling of my house. Then to sort myself out here was something else. So I hope you will forgive me for this terribly late answer.

It is very kind of you to think of asking me to contribute a chapter on palynomorph sedimentation in Africa. This would be quite a big task to sort out the sedimentation in the different environments and would be more so now that I am separated from the bulk of literature. There are people who have worked on spring deposits, coastal deposits, river sediments etc. It would have been interesting to try and write this up if I had enough time. So I really think that I must not accept this invitation. You may know Henry Daghlian of the Hugo de Vries Lab. University of Amsterdam who has done excellent work on marine sediments off the north-west coast of Africa. His explanation of sedimentation of the palynomorphs and the interpretation of the palaeoecological is really very good. There are also Alan Hamilton of the University of Ulster in U. Ireland who did excellent work in East Africa and Raymond Bonnefille and E. Scholze of Germany who have produced good work in the Sahara. I hope it is not too late to approach someone else.

I was initially going to attend the Conference in Brisbane and helped to organise one of the symposia together with Helena Martin. However, it would have been very expensive as there is no longer a direct flight from here to Australia. I was very sorry about this and I would have loved to see Australia. My decision to move to the Cape was given but it was the right thing to do as I am

# Aerogramme Aërogram



Strelitzia reginae

Disa uniflora

Zantedeschia pentlandii

Crinum bulbispermum

To/Aan Prof. A. Traverser  
Department of Geosciences  
Palynological laboratories  
435 Deike Building  
The Pennsylvania State University  
University Park  
P.A. 16802  
USA

Second fold—Tweede vou

Sender's name and address  
Naam en adres van afsender

J.A. Coetzee  
P.O. Box 1314  
Somerset West  
7130  
South Africa

Seal the two side flaps first, then this one  
Verseël eers die twee syklappe, dan hierdie een

Enclosures are not permitted  
Insluitings word nie toegelaat nie

First fold—Eerste vou

now near my family which is very important to me, it meant  
parting from my good friends and of course from the University.  
But life has to go on and I have to face new challenges. The surroundings  
here are incredibly beautiful and there is so much to see and do.  
I can also carry on with the rounding off of my work and  
have brought the research microscope down with me for this purpose.  
In fact the deposits I am working on are from the Cape. I also  
have many colleagues down here.  
I am still hoping you and Betty will  
one day visit this country. I will be very happy to have you  
here and to take you around the Cape and elsewhere.  
I hope you will enjoy the IPCC and  
I hope you will be able to produce your interesting book  
with kind regards to Betty also yours sincerely  
Joanna

THE PENNSYLVANIA STATE UNIVERSITY  
DEPARTMENT OF GEOSCIENCES  
PALYNOLOGICAL LABORATORIES  
435 Deike Building  
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8 May, 1988

Dr. Johanna A. Coetzee  
Insitute for Environmental Sciences  
University of the O.F.S.  
Bloemfontein 9300, South Africa

Dear Johanna:

In connection with IPC-Brisbane, I have organized a symposium on palynological-lithological relationships, which I have interpreted to range widely over the whole field of sedimentation of palynomorphs. Since I organized the thing, I have thought of your work on palynology of sediments of river-mouths in Africa, and I realize that I should have asked you to present something about it in the first place--but I didn't think of it at the time. (The invitation to organize the symposium came from Mary D. at the very last minute.) However, I now have the idea of a volume based in part on some of the symposium papers, and Columbia University Press has expressed strong interest in publishing it if I can organize it. Would you like to and be willing to write a chapter for the book, summarizing your and other work on palynomorph sedimentation in Africa, and/or whatever other new such information you have? I'd like that very much.

At present (ASAP) all I need is your reaction in terms of yes/no, so that I can evaluate whether the project will fly.

All the best.

Yours very truly,

Alfred Traverse

AT/et

**PALYNOLOGICAL RESEARCH**

**University of the Orange Free State**

Nous vous remercions vivement de l'envoi de votre publication:

We wish to acknowledge, with many thanks, the receipt of your publication:

Wir danken Ihnen verbindlichst für die Zusendung Ihrer Publikation:

Ons bedank u vriendelik vir die toesending van u publikasie:

*Pollen and spores Date Origin of Pitt Rivers  
from Texas to Nova Scotia and Early Late  
Triassic - and 4 other reprints.*

*It was very pleasant meeting you and Betty  
again in Berlin. With kindest regards  
Yours sincerely*

Dr. J. A. Coetzee

L. Scott (M.Sc)

Dr. E. M. van Zinderen Bakker

December, 1984

Coetzee, J.

1984

Dear Betty & Al,

Thank you so much  
for the Christmas card  
you sent. It is so nice  
to receive good thoughts  
from abroad while there  
are so many negative  
reports flying around the  
world about us.

I missed you, Betty  
at the Conference and it  
was nice seeing you & Al  
if only briefly.

Your home shown  
on the card is a lovely one

and must be very nice  
to live in.

Sincerely yours

Joey  
Coetzee

*May the spirit  
of the first Christmas be with you  
during this holy season.*

To Alfred and Betty,

Wishing you  
 a very merry Christmas  
 and an especially  
 happy New Year.

Thank you so much for  
 your Christmas Greetings.  
 It will be very nice to meet  
 again at UIIPC in Calgary.  
 We hope your present will work  
 us up and hope both of you  
 will do so also one day.  
 Sincerely yours  
 Joey Lovejoy

file

6 February, 1981

Dr. Johanna A. Coetzee  
Institute for Environmental Sciences  
University of the O.F.S.  
Bloemfontein 9300, South Africa

Dear Joey:

So good to have your nice letter of 26 January.

Re Colin Macrae's visit--it is too bad that Henk Visscher didn't answer your letter. It's unlike him, and I wonder if he got it? I'd say try again. Perhaps he's out of the country? As to other people Mr. Macrae could profit from visiting, my mind turns to Wilhelm Klaus in Austria, Geoff Warrington in U.K., E. Schälz in E. Germany, B. Lundblad in Sweden, and Kaj Pedersen in Denmark. (I don't know for sure Pedersen is into Permian at the moment, but he does a lot in the Triassic and is very helpful.) Also there's B. Scheuring in Switzerland, of course. I don't see how Macrae can avoid going to U.K., as I suspect Geoff Warrington and M. Fisher can help him the most!

All the best from us both.

Yours very truly,

Alfred Traverse  
Visiting Professor

AT/et

INSTITUTE FOR ENVIRONMENTAL SCIENCES  
THE UNIVERSITY OF THE ORANGE FREE STATE

*file*

Director  
Professor D F Toerien



BLOEMFONTEIN 9300  
PO BOX 339  
SOUTH AFRICA

L1379

26 January 1981

Prof. and Mrs A. Traverse  
Ecole Polytechnique Fédérale Zürich  
Institut de Géologie  
Eidg. Technische Hochschule Zürich  
CH-8006 ZÜRICH  
Sonneggstrasse 5  
SWITZERLAND

Dear Professor Traverse & Betty,

Thank you very much for your kind note of 29 December. I am glad you are both having a very fruitful time in Zürich. It is so lovely there.

I am writing in connection with a Ph.D student Colin Macrae of the Geological Survey who has registered here and is working on the Permian palynology of the Karoo basin in the Transvaal. He is visiting Europe from the middle of April to the end of May and will be spending part of his time making contacts with people actively engaged in the Permian palynology of Northern Hemisphere localities. If you are still in Zürich during this time he might be able to visit you there. He is an enthusiastic palynologist and a fine person and it would be very good for him to meet colleagues in his field. If you could suggest other worthwhile contacts in Holland and Germany I would be very grateful to hear from you. I know that Dr Visscher from Utrecht is chairman of the Stratigraphic Working Group of the Permian/Triassic. I wrote to him in August last year but have not heard from him.

It would be so nice if you and Betty could visit South Africa at some time in the future. If you come to Bloemfontein we could take you to some interesting places in the wide surroundings. Dr Caratini is visiting us in May/June this year.

I hope you have much success with your book on palynology and I am looking forward to buying a copy when it is published.

Wishing you both a further happy stay in Zürich.

Very sincerely yours

*Joey*

J.A. COETZEE

*ate*

29 December, 1980

Dr. Johanna A. Coezee  
Institute for Environmental Sciences  
University of the O.F.S.  
Bloemfontein 9300, South Africa

Dear "Joey" (did I read it right?):

Betty (hi--I'm "et") and I really like the SA calendar--and what a neat idea that it is mailable in segments! We are working up a real appetite to visit South Africa one of these years. We reciprocate your good wishes and pleasure at meeting in Cambridge. We liked you very much!

Work here goes o.k. I am giving lectures on some of my ideas, and trying to write a textbook of palynology. Betty works in the lab and at the typewriter as usual, but gets some recreation too.

All the best for '81.

Yours very truly,

Alfred Traverse  
Visiting Professor

AT/et

1978

Joyous  
Christmas greetings.

*Kindest regards*

*Joanna Coetzee*

*South Africa*

Dr. Janice C. Coffey  
Systematic Biology  
National Science Foundation  
Washington, DC 20550

September 28, 1976

Dear Janice:

How nice to hear from you - I wonder what your Soviet friends are saying - you really are a gummint agent!

I have very rarely turned down "the goose" (TLTGE), but this is such a case - I know Dr. Niklas and find his work interesting but chemistry is way out of my line - even paleochemistry! I would ask J.W. Schopf, Dept. of Geology, UCLA, for advice - he knows the paleochem boys and girls pretty well. Perhaps you know him - you were synchronously working in St. Petersburg.

All the best,

Yours very truly,

Alfred Traverse  
Professor of Palynology

enclosure: proposal

AT: mk

November 20, 1973

Dr. Arthur D. Cohen  
Department of Geology  
Southern Illinois University  
Carbondale, Illinois 62901

Dear Art:

In view of the remarks you made to me in Anaheim regarding my Corylus?, the enclosed xerox should be of some interest! Apparently, others have noticed the same thing!

Good to have seen you out there in California. Best wishes to you. Regards to Russ.

Yours very truly,

Alfred Traverse  
Professor of Geology & Biology

AT/vsi  
Enclosure

THE PENNSYLVANIA STATE UNIVERSITY  
INTER-OFFICE CORRESPONDENCE

Date: September 10, 1968  
From: Arthur D. Cohen  
To: Dr. Alfred Traverse

Dear Dr. Traverse:

In exchange for slides of modern pollen reference materials, obtained from the reference collections of the PSU palynological laboratories, I am willing to provide sometime during the next year slides and splits of residues for macerations of fossil pollen of various ages.

Yours very truly,

Arthur D. Cohen

ADC:kwc

*A. Cohen* ✓

Review of "An Occurrence of Cordaites in the Upper Pennsylvanian of Illinois"  
by  
Lila M. Cohen and Theodore Delevoryas

This paper, which was delivered at the 1958 Paleobotanical Section meeting in essentially its present form, is an interesting contribution to cordaitalean anatomy. Personally, I would have liked the authors to comment more fully on the anatomical plasticity of the cordaitaleans. I would emphasize that these twigs from coal balls are pretty small, and it is usually not even definitely established whether they are vegetative, or inflorescence axes. I feel that it is unwise to make any very sweeping statements about the Mesoxylon vs. Cordaites controversy until a larger collection of cordaitalean axes is investigated. That this is the "first North American Cordaites shown to be endarch throughout." is, I guess, technically true, but this is a sort of quibble, since stems have been determined as Cordaites, for which authors have not demonstrated endarchy simply because they considered it unnecessary to say they had made that observation. If I were writing this paper I would say instead, "This is the first American Cordaites specimen of which a careful anatomical study of the primary vascular body has been made, demonstrating endarchy throughout." That is the critical matter. After all, if primary wood other than endarch had been found in other specimens, they would have been removed from Cordaites.

The above comments are for the authors to use or ignore, as they see fit.

The abstract requires some additional punctuation and other changes to make it more readable. I have indicated suggested changes in red pencil. I also have indicated a recommended change in wording that makes the abstract clearer.

Miscellaneous Comments:

p. 3, l. 5: I would say: the cross-sectional dimensions of which are 6.0 x 6.5 mm.

p. 5, l. 18: Suggest: Small pith cells associated with the vascular bundles form a crescent-shaped mass.

p. 7: I object to the statement at the end of the paper, "The senior author is currently engaged in such a project." I believe that we would do better to omit these previews of coming attractions.

Explanation of figures, Fig. 10. In instances such as this, I would say: Same leaf trace, ca. x mm. higher in axis, at periphery of wood. Fig. 11. Leaf trace outside of wood...etc.

The point is to eliminate the use of time terms such as "now" and replace them with terms that locate the traces, etc., in space.

23 February, 1979

Dr. Saul B. Cohen, President  
Queens College  
City University of New York  
Flushing, NY 11367

Dear Saul:

Thanks for yours of 9 February. I was delighted to get clarification on your status in the class of '47. I was at the 25th reunion and perhaps may have brushed your shoulder at one of the parties, but I don't remember it. It is interesting that your tenure as an undergraduate at Harvard hardly overlapped mine at all though we are technically classmates. While you were at Lowell House in '43 I was at Dunster. When they closed Dunster I went to Lowell and remained there until I got my bachelor's degree. I was alleged to have a bad heart at the time and was not required to shoulder a weapon of any kind. We were graduate students together apparently, but the Biological Laboratories and the Agassiz Museum were rather remote from your interests I expect. I was a proctor in Wigglesworth on the yard during that period, but I gather you were probably already married.

As Dan has probably told you, I am an Episcopal priest as well as a geoscientist and am vicar of the Episcopal congregation in Huntingdon, Pennsylvania. I have a college president in my congregation--Fred Binder of Juniata College--and frequently visit his office. I have a fair impression of what the life of a college president is like. At least where the presidency of a small liberal arts college is concerned it requires a special kind of sense of noblesse oblige I observe..

Best wishes to you. Take good care of Dan Habib. He is a super guy, and I would say so even if he weren't a Penn State product!

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

# QUEENS COLLEGE

of THE CITY UNIVERSITY OF NEW YORK

FLUSHING • NEW YORK 11367

OFFICE OF THE PRESIDENT

February 9, 1979

Professor Alfred Traverse  
Department of Geosciences  
Pennsylvania State University  
College of Earth and Mineral Sciences  
University Park, Pennsylvania 16802

Dear Al Traverse:

Dan Habib showed me your letter to him. No, I did not change my name from Smith to Cohen. I am a full-fledged member of the Class of '47, and append the 25th Anniversary Report as proof positive. I spent the first semester of 1943 at the College (Lowell House), then entered the service and did not return until the summer of 1946 (Winthrop House), so that the 1943-46 period at Harvard was graced by my absence. It wasn't easy for many of us in the Class of '47 to get to know each other under those circumstances, although I've found that with each major reunion acquaintanceships blossom into friendships. I don't really recall the yearbook--that was far removed from my thoughts and I'm guilty of never having submitted a photograph.

I do hope we'll have a chance to meet in the not too distant future and to get to know one another.

Cordially,

*Saul B. Cohen*

Saul B. Cohen  
President

SBC:fs  
Enclosure

9 October, 1984

Cole Parmer Instrument Co.  
7425 North Oak Park Ave.  
Chicago, IL 60648

Dear Sirs:

We use your Magna-4 stirring hotplates in our palynology laboratory all the time, and find them very helpful. However, at the moment 4 out of 5 of our hotplates are not functioning and we must send at least several in for immediate repair, as we need them as soon as possible. Three of the four have broken stir mechanisms. One of these and the fourth hotplate (our newest one) seem to have lost their thermostat function and heat in a wildly fluctuating manner.

Please advise us by return mail about shipping these hotplates in for repair. Do we need to send a purchase order in advance, or can you merely authorize us to ship the hotplates?

Looking forward to hearing as soon as possible.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

March 26, 1974.

✓ Cole-Parmer Instrument Co.  
7425 North Oak Park Avenue  
Chicago, Illinois 60648

Attn: Ms. Marge Kremer

Dear Ms. Kremer:

I am returning in the attached package one of our new stirring hot plate units. This unit was received in January and has been in use since that time. The control for the front left hot plate unit does not function correctly. It overheats at any setting, reaches a maximum temperature and then cuts off. It does not seem to be possible to cut the heat off even at the lowest setting until the unit switches off itself. The result is that even at lowest setting it will melt plastic. Please repair the unit and return it to us as you did previously with a unit which was then not in warranty. However, in this case, I presume that the unit is still covered by your warranty and that there will therefore be no charge. Correct?

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/vsi

P.S. In case it is necessary, you could reach me at the telephone number 814-865-2342.

P.P.S. Could we also have a schematic diagram for these units, so that we would replace thermostats, etc. ourselves when necessary?

January 25, 1974

Service Department  
Cole-Parmer Instrument Co.  
7225 North Oak Park Avenue  
Chicago, Illinois 60648

Dear Sirs:

In the attached package I am sending to you one of our model 4820-4 "magne-4" four-unit stirrer with hot plates. I am sending this to you for repair of the right rear hot plate or its control. The hot plate does not turn off when set at "off" and higher settings overheats.

Please repair the unit and return to me along with a bill for the charges.

Yours very truly,

Alfred Traverse  
Professor of Geology & Biology

AT/vsi

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

Frau Dr. Ulrike Coleman  
Department of Geology  
Trinity College  
Dublin 2, Ireland

den 22. August 1989

Sehr geehrte Frau Dr. Coleman,

ich habe heute Ihren Artikel über Palynofloren der  
Devon-Karbon-Grenze in Kentucky wieder gelesen. Es ist eine  
schöne Arbeit und hat mich natürlich sehr interessiert.

Ich wünsche Ihnen alles Gute und viel Glück bei den Forschungen.  
Ich möchte auch Dr. Clayton grüßen lassen.

Ihr

Alfred Traverse  
Professor für Palynologie

AT/et

17 October, 1983

Prof. Ulrike I. Coleman  
Geology Department  
Trinity College  
Dublin, Ireland

Dear Prof. Coleman:

I saw your abstract in GSA 15:6. As I can't attend the Indianapolis session, I wanted to say that we also work (among many other things) on Devonian-Carboniferous palynostratigraphy and would appreciate a reprint of the eventual publication. If you are ever enroute through the U.S. to Indiana, perhaps you'd like to visit us?

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

P.S. I used "Prof." because I couldn't think up a better title!--perhaps you can help.

COLGATE UNIVERSITY  
HAMILTON, NEW YORK  
13346

*Dean of the Faculty*

August 20, 1973

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

Dear Dr. Traverse:

We appreciate your response to our announcement of the Kenan Chair. The post is being widely advertised and we have already received a number of excellent applications. It will be some time before all of the advertisements have appeared and we can begin the selection procedure. All applications will be given very careful consideration. Meanwhile, we thank you for your interest in the professorship. We will be writing to you again at a later date.

Sincerely yours,

*John S. Morris*

John S. Morris  
Provost  
Dean of the Faculty

JSM:bac

TO AT

DATE 18-XI-87 TIME 10:20

WHILE YOU WERE OUT

M. Semelo Halkeles

Of Daily Collegian

Phone file

TELEPHONED  PLEASE RETURN CALL

CALLED TO SEE YOU  WILL CALL AGAIN

RETURNED YOUR CALL  RUSH

MESSAGE → 4:30 today

for quick interview

(was supposed to

come yesterday but

had to go home for funeral)

Signed BT

The Standard Register Company

18 February, 1980

Mrs. John Collins  
3346 Runnymede ~~RD015~~ NW  
Washington, DC

Dear Mrs. Collins:

I have tried a couple of times to call, but seem to run smack dab into your Dial-A-Phone, or whatever it is. (You sounded so natural that I tried to converse with the voice, the first time I called.)

Anyhow, the message is that my grad student and I will arrive Sunday evening at about 6 p.m., in order to be there before you leave for the evening. Will go out to dinner later on, but I didn't want to arrive in your absence. Unless there is something peculiar about finding your place, instructions aren't necessary. From my map, I gather it's just a few blocks from Chevy Chase Circle.

My wife (Betty Insley '49) says she's a classmate of yours.

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  
12 October, 1994

Dr. Margaret E. Collinson  
Geology Department  
Royal Holloway, Univ. London  
Egham, Surrey TW20 OEX, UK

Dear Margaret:

Would have had a go with this on e-mail, but it occurred to me that it's perhaps a bit too long.

Your massive package of reprints came during our visit to Spain, where I gave a fun (at least for me) keynote address to the APLE convention.

I have almost given up on mass reprint mailings--just never find time. So, as in this case, I send them in reaction to something.  
Your mailing this time must have been a gigantic undertaking.

However, I should tell you that the envelope you used was not up to the marvellous bulk (thanks!) and (ahem) weight of your publications. The US Postal Service reconstructed the envelope with tape, and enclosed the whole thing in a plastic bag with an explanatory handout. They don't seem to think I missed anything.

Comments: "Modern generic names..." I've already quoted somewhere--my chapter in Jansonius' book probably; "Factors controlling...plant communities" has a number of interesting ideas that I'll make use of; same goes for "Implications of vegetational change..." now I know where Jenny Robinson got some of her ideas; "Fossil history of the Moraceae..." is especially interesting to me because of the importance of the group in tropical America where I do a lot of (unpublished) consulting for archeologists; "Freshwater macrophytes..." is a nice contribution to plant taphonomy, but it was startling to see pollen as part of the picture--broad concept; "Rutaceae...Messel..." is an interesting contribution that reminds me of picking seeds out of the Brandon lignite in camp almost 50 years ago; "chemical composition...salvinealean..." is especially interesting to me re sporopollenin work. You're certainly making a big contribution here--the carotenoid dictum was too simplistic; Same goes for your two papers with A. Hemsley and others on sporopollenin colloidal structure--Alan walked me through this in 1992 at RH; "Microscopy and land palaeobiology" was fascinating--very helpful writing!; N. B.: the papers I haven't mentioned were also read and filed appropriately--but I don't need to bore you with more of this.

All the best. I include some humble offerings, but in an envelope, the use of which you should emulate.

Yours very truly,

Alfred Traverse

encl.:reprints

THE PENNSYLVANIA STATE UNIVERSITY

REPRINT EXCHANGE

August 1994

Your reprints in exchange will be much appreciated.

Dr Margaret E. COLLINSON,  
Geology Department,  
Royal Holloway University of London,  
Egham,  
Surrey,  
TW20 0EX,  
England.

Tel national 01784 443607  
Fax national 01784 471780  
Tel International +44 1784 443607  
Fax International +44 1784 471780  
Departmental secretary 01784 443581

E-Mail Margaret@sun1.gl.rhbnc.ac.uk.

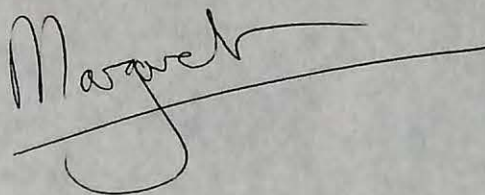
number  
one  
|  
letter  
l  
|  
NB sun1.gl.

PLEASE NOTE THIS IS :- NEW ADDRESS (from OCTOBER 1993)  
NEW TELEPHONE (from AUGUST 1994)  
NEW E-Mail (from August 1994)

Many colleagues will have noticed a long delay since I last mailed reprints. This mailing should partially address that balance; with the newest items being sent between 3 and 6 months from now in another mailing. I do apologise for this break in mailing which has been due to job insecurity, lack of funds and several time consuming moves within London. Things should now return more or less to normal and I look forward to a continued regular reprint exchange.

Thank you for your patience and understanding.

Margaret E Collinson.



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

2 December, 1993

Dr. Margaret E. Collinson  
Geology Department  
Royal Holloway, Univ. London  
Egham, Surrey TW20 OEX, UK

Dear Margaret:

Well, we're back. Yesterday morning we left RHBNC at 6:00 a. m. and were home at 7:00 p. m. (of course, that was midnight UK time!) It was all a lot of fun, including a couple of hours at the Chaloner home in Barnes, with Bill and Judy (and the Manums), and we very much appreciate you and Andrew including us.

We also appreciated the free room in College. It was a bit spartan, but we civilized one portion of the problem by erecting a barrier in the window transom-- that seemed to light the place up like a bowling alley. Don't worry, we removed all traces of this malfeasance before leaving. Let's see...we'd like to recommend the Chinese restaurant on the High St. in Egham, just off the (ugh!) roundabout. Had a great dinner there.

It was fun to see so many old friends, but frustrating that it was for so short a conversation in most cases. I'd like to have discussed sporopollenin more with you, for example.

All the best.

Yours very truly,

Alfred Traverse

A DINNER TO CELEBRATE THE PALAEOBOTANICAL &  
PALYNOLOGICAL  
CAREER OF PROFESSOR W.G.CHALONER FRS  
on

FRIDAY NOVEMBER 26th 1993  
at 19.45 for 20.30

In the Picture Gallery, Founders Building, Royal Holloway University of London

**CONFIDENTIAL**

Dear *Al*

We write to acknowledge receipt of your cheque and reservation (for ~~one~~/two persons) to attend the above dinner. We are delighted that you will be able to join us and you may like to know that over 60 people will attend. In order to enable people to assemble away from campus, and to give people a chance to renew old friendships, those who are able to arrive early are invited to gather in "The Eclipse" a free house pub on the A30 on the large roundabout at the bottom of Egham Hill. Margaret will be there from about 5.30 onwards. **PLEASE do not arrive on campus before 19.40** but go to the Eclipse if you arrive before this.

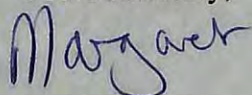
The Eclipse does not have a special function room but it is quite large and generally quiet in early evening. It is also convenient being en route from Egham station to campus and on the A30, hence easily located by drivers. There is parking around and behind the pub and in nearby side roads. A map is enclosed with details of travel to Royal Holloway. Please do not hesitate to contact either of us if you need advice.

Please will everyone coming by train or without their own transport write and let us know so that we can arrange taxis or other transport after the dinner. If you must catch a certain train for your return journey please let us know about this too. When you leave Egham station exit on the ticket office side and turn right along the main road. (There is a minicab office just beyond the Railway pub if you are late and desperate - the walk to the Eclipse is about 6 mins and to Founders about 20 mins). At the traffic lights turn left and follow the road around a curve which finally bends left. Walk on to the large roundabout and you will see the Eclipse opposite you and Egham Hill rising off to your left.

To reach Founders walk/drive up Egham Hill (A30). You will pass under one pedestrian overbridge followed by another (see map). The college entrance is immediately following the second bridge. After turning you will see the Founders building directly ahead. Turn left then right alongside Founders where you will find parking spaces. Continue driving round to the other side of Founders if these spaces are full. Enter Founders Building at the reception marked **E** on the map and ask security for directions to the Picture Gallery.

Thank you again for your co-operation, remember please do not arrive on campus before 19.40, we look forward to seeing you at this celebration.

Yours sincerely,



Dr.M.E.Collinson & Dr.A.C.Scott

*p.s. greetings received ok  
rh.*



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

29 October, 1993

Dr. Margaret E. Collinson  
Department of Geology  
Royal Holloway, University of London  
Egham, Surrey TW20 OEX  
England

Dear Margaret:

Here's my "sheet" for the 26th Nov.

Greatly amused by being Prof. Lincoln, but really you should have made it John A. McDonald or Mackenzie King, as my ancestors in 1865 were in those parts, my even more remote ancestors of 1776 having been, on both sides of the family, Loyalists. Or did you know that I was a British subject (now called Canadian citizen) by birth?

See you soon, we hope. (Betty's mother is in the process of expiring. If she does so on exactly the 18th we've got a problem!)

All the best.

Yours very truly,

Alfred Traverse

enclosure: sheet with photos

- Department of Geology
- Royal Holloway  
University of London  
Egham  
Surrey TW20 0EX
- Telephone 0784 443581  
Direct line 0784 443608  
(ACS)  
Direct line 0784 443607  
(MEC)  
E-Mail :-  
uhfb034@uk.ac.rhbnc.vax  
TeleFax 0784 471780

P.P.S.  
A Double room is reserved  
in Founders for 26/27/28 November.  
under the disguised name  
of Professor Lincoln !!!!!

October 1993

A DINNER TO CELEBRATE THE PALAEOBOTANICAL & PALYNOLOGICAL  
CAREER OF  
PROFESSOR W.G. CHALONER FRS

CONFIDENTIAL

Dear Al,

We invite you to join us at a dinner in celebration of the palaeobotanical and palynological career of Professor W.G. Chaloner FRS. The dinner will be held on

FRIDAY NOVEMBER 26th 1993  
at 19.45 for 20.30

In the Picture Gallery, Founders Building, Royal Holloway University of London

a date near the commencement of Bill's retirement year and close to his birthday.

We aim to invite all those who have had a close association with Bill's palaeobotanical and palynological career, both in the University of London and elsewhere. ~~The cost of the five course dinner, including appetitif and a glass of wine, will be £55.~~ Additional wine will be available for individual purchase on the occasion.

Please complete the enclosed form and return it to Margaret by **Monday November 1st**. An invitation card and details of the location will be sent to those who can attend. If you are unable to attend but would like to send a greeting please do so using a single sheet of paper (preferably A4 size). If possible include a photograph (s) relating to your palaeobotanical/palynological activities (research material, field-work, conference or private dinners/parties etc etc) especially examples that might recall past events and landmarks. Those who are attending are, of course, also welcome to do the same. The sheets will be bound together and given to Bill at the dinner. Please send your sheet, unfolded, to Margaret preferably with your response to this letter. We cannot guarantee inclusion of items received after **November 12th 1993**.

We would like to emphasise that this event is **CONFIDENTIAL**. We hope that Bill will not become aware of it until he enters the Picture Gallery. Therefore, may we request that you do not discuss this dinner with anyone, even if you know they have been invited. Please do not bring your form to us at a palaeobotanical meeting. Above all we ask that you please do not arrive at Royal Holloway too early on the 26th and please do not arrange to spend the Friday (or the entire week before) in London, especially not in Royal Holloway, as we suggest that a sudden accumulation of palaeobotanists would certainly give the game away.

Thank you for your co-operation, we look forward to seeing you at this celebration.  
Yours sincerely,

Margaret E. Collinson Andrew Scott

Dr. M. E. Collinson & Dr. A. C. Scott

P.S. of course we know you are coming but there  
are other things here you may be interested  
to know.

"The book" remains  
confidential except  
to authors.

Margaret



Incorporated by Act of  
Parliament: Royal Holloway  
and Bedford New College

CELEBRATION DINNER FOR  
PROFESSOR W.G.CHALONER  
NOVEMBER 26 1993

I will be attending the above dinner

\* I will/will not be bringing a guest.....Name:.....

\*I enclose my greeting for Bill

\*My greeting will be sent later (but to arrive before 12 November)

\*I will not be sending a greeting

\* Delete as appropriate

Special diet

If you require a special meal please encircle one below

Vegan Vegetarian Other (please specify)

NAME (Please print)

Date

Signature

Please return to Dr.M.E.Collinson, Geology Department, Royal Holloway University  
of London, Egham, Surrey, TW20 OEX, England

~~enclosing a cheque or money order for either £17.50 or £35 made payable to RHDNC~~  
by November 1st 1993

cut here

.....  
CELEBRATION DINNER FOR  
PROFESSOR W.G.CHALONER  
NOVEMBER 26 1993

I regret that I will not be attending the above dinner

\*I enclose my greeting for Bill

\*My greeting will be sent later (but to arrive before 12 November)

\*I will not be sending a greeting

\* Delete as appropriate

NAME (Please print)

Date

Signature

Please return to Dr.M.E.Collinson, Geology Department, Royal Holloway University  
of London, Egham, Surrey, TW20 OEX, England

by November 1st 1993

Intro

Professor Bower

Thomas - birning theory S. England -

5 in. snow in Kent, freezing fog in Wiltshire.

Invention of the botanical compendium vs. Thomas Cresser

We are here to honor - to whom I  
owe much - especially my job

waterbacks in the woods

Still famous for GSC 21 lectures

Our link; especially Fossil Committee  
IAPT. FPC - quarter century

We just turned it over. Bill at  
York colours put across what I failed  
w. McNeill at Berlin and with my

famous article "anybody for fitting"

to accomplish: English (or Latin), not

"any language" for diagnoses / description

(Jansonius phoned!)

→ "A rose by any other name would be  
very confusing"

Nomenclature has also sometimes divided us: Corallina

vs Classopollis (NCU lists to solve?) - also -

Nomenclature / Classification links.

Sometimes Bill halla such phallages with Rebbid!

(Paleopolynology)

Sometimes he likes parables - once when I preached

my "botanical names - as Latin sermon" Pallen '70s,

Spitzer to Bill, he said, [Potomac 'at '80  
start]

It's good to revisit in occasional -

THE PENNSYLVANIA STATE UNIVERSITY  
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10 September, 1993

Dr. Margaret Collinson  
Geology Department  
Royal Holloway, University of London  
Egham, Surrey TW20 0EX, U.K.

Dear Margaret:

Thanks for your fax with all the helpful information about accommodations. Option 1 seems best, not only re £ but also for convenience! (I have been in Founders once for lunch with Andrew and Bill et al.) I hope your making the arrangements doesn't compromise confidentiality. For the record, I'm coming to discuss sporopollenin with you (and I'd like to). We have mentioned trip to nobody (except travel agent--flight is booked, car reserved; incidentally, we are flying into the other airport and will return the car there, but I'm sure we can find our way to Egham).

All the best and thanks for your trouble.

Yours very truly,

Alfred Traverse

AT/et



Royal Holloway  
University of London  
Egham  
Surrey TW20 OEX

**GEOLOGY DEPARTMENT**

**FAX**

Telephone 0784 443581  
Telefax 0784 471780  
Fax Queries 0784 443582

To : Alfred Traverse  
: Palynology, Geosciences  
Company : Penn State.  
From : Margaret Collinson

Date : 9 September 1993  
Fax No. : 0101 814 863 7823  
No. of pages : 1 (including this one)

Dear Al,

Thank you for attending to proofs. The editor was not g!!

I am delighted to find you can be here on 26th.

However there are no nice hostels in Egham near to public transport. Possibilities are:-

- ① Stay in college accommodation
- ② Retain hire car <sup>(for use taxis)</sup> and stay in nearby strains/Windrow etc.

In ① you could probably stay in same building (a beautiful building Grade 1 listed heritage site) Founders, as the dinner is being held. Rooms are quite nice with basin + television but no private bath. Students are in same building too. This is 15-20 mins walk from Egham station - Trains every 30 mins take about 35 mins into London. Accomodation would be free for you (paid for from my grant). If you let me know I can book early and be pretty sure to get you a room in Founders.

In ② I will take advice (I am still quite new here!) re place to stay; but you really would need a car as a service of taxis. The latter option not too expensive and easily available by phone (not by flagging down on the road). Could you keep your hire car for the extra days, assuming you fly in + out of Heathrow (College is about 30 mins drive from Heathrow).

I hope this helps - I will be in Holland discussing work with my geochemical colleagues. Back in office on September 15th. Please try and keep ~~the~~ visit confidential - or at least keep me of the reasons quiet!

Best wishes  
Margaret

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

30 August, 1993

Dr. Margaret Collinson  
Geology Department  
Royal Holloway, University of London  
Egham, Surrey TW20 OEX  
UK

Dear Margaret:

The proofs have gone off to Dianne by fax, with airmail safety net. Copy enclosed. I was pretty upset by the nerve of some editor putting words from an island dialect into my piece. I can talk Lorry instead of Truck, but I would never write in dialect.

By odd twist of fate, the time for the planned dinner is during our Fall break ("Thanksgiving"). We (Betty and I) are planning to fly over!. Tentatively, we would leave here on the 19th, arriving on the 20th. We will visit some of the places Betty has yet to see in UK (I've been almost everywhere, but wouldn't mind another look). Rent a car probably. Whatever, end up back in London on the 26th in time for the dinner. Have Sat.-Sun. in London. Fly home on Mon., the 29th (Betty's birthday). With that in mind, will you make us a reservation at a very nice hostelry in the Egham area, with easy access to public trans. (for the Sat.-Sun. forays and to make it easy to get to, after we turn in the rent car at the airport on Friday, the 26th) for Friday-Saturday-Sunday nights, 26th, 27th, 28th Nov.?

There is clearly a small problem that this trip to UK might make WGC suspicious if he heard. We will try very hard to keep our trip unknown to persons who might leak the info. Exciting!

Yours very truly,

Alfred Traverse

encl.:proof stuff



Royal Holloway  
University of London  
Egham  
Surrey TW20 0EX

**GEOLOGY DEPARTMENT**

**FAX**

Telephone 0784 443581  
Telefax 0784 471780  
Fax Queries 0784 443582

To : Prof Al. Traverse  
: Geosciences  
: Penn State  
Company :  
From : Margaret Collinson

Date : 26/8/93  
Fax No. : 0101814 863 7823  
No. of pages : 1 (including this one)

Dear Al,

Hi! How are you - well I hope.  
Attached are proofs of your article.  
Dianne Edwards, Geology, Cardiff  
phone +44(0)222 874264 FAX +44(0)222 874326  
is handling the editorial side with the press;  
So please return your corrected  
proofs to Dianne by FAX ASAP please.

We are holding a dinner for Bill in the picture  
gallery RHM on November 26th Friday. I  
don't imagine for one minute that you would be  
able to come - but if you could that would be  
be delightful. Please let me know (or Andrew)

Best wishes

Margaret

- ◆ Department of Geology
- ◆ Royal Holloway  
University of London  
Egham  
Surrey TW20 0EX
- ◆ Telephone 0784 443581  
Direct line 0784 443608  
(ACS)  
Direct line 0784 443607  
(MEC)  
E-Mail  
uhfb034@uk.ac.rhbnc.vax  
TeleFax 0784 471780

July 1993

STUDIES IN PALAEOBOTANY AND PALYNOLOGY  
IN HONOUR OF  
W.G.CHALONER  
edited by M.E.Collinson and A.C.Scott

**CONFIDENTIAL**

Dear *Al*  
*article - for which many thanks*

Your ~~revised manuscript~~ has now been accepted for publication in the above volume which will be published in Special Papers in Palaeontology. The papers have already gone to the printers (CUP) and Dianne Edwards is handling the volume for the Editorial Board of the Palaeontological Association.

We are aiming, as originally, for publication in November to co-inside with Bill's 65th Birthday.

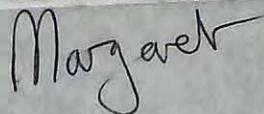
Please let us know if you will be away for any period of more than 2 weeks between now and then to help us speed the proof reading.

We are planning a special dinner at Royal Holloway on Friday November 26 to honour Professor Chaloner when the book will be presented to him. We shall be writing to you about this with further details in due course.

May we emphasize again that both the publication and the dinner are confidential. Please do not refer to your paper in press in any place where it might conceivably be seen by Bill. Please inform any co-authors of this request.

Many thanks for your co-operation.

Yours sincerely



Dr.M.E.Collinson  
Dr.A.C.Scott



Incorporated by Act of  
Parliament: Royal Holloway  
and Bedford New College

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28 July, 1992

Dr. Margaret E. Collinson  
Dept. of Plant Sciences  
Kings College (Univ. of London)  
68 Half Moon Lane  
London SE24 9JF, U.K.

Dear Margaret:

Just read through "Pollen Analysis, 2nd Edition," preparatory to putting it on reserve for my palynology course (which starts up again in - ouch! - three weeks). The old version had terrible pictures, and I note you're credited with bringing them up to (beyond!) par. Congratulations! It is a very useful book (I also appreciate the plug for my book!).

All the best.

Yours very truly,

Alfred Traverse

P.S. I note that my weighing method for pollen/gram calculation is not referenced. As it involves weighing a slide, the amount of material which must be counted can be quite small, and the method works very well.

AT/et

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

29 August, 1989

Dr. Margaret E. Collinson  
Biology Department  
Kings' College London  
Kensington Campus, Campden Hill Road  
London W8 7AH, England, U.K.

Dear Margaret:

Nice to hear from you. Some funny things happened to my textbook. One of them is that Plate 1 was supposed (obviously) to appear after p. 432, not with p. 416! There also are a lot of errors, mostly minor boo-boos, but a few substantial and regrettable. I'm hoping there will one day be a second printing, as I've been promised I can make corrections. Who knows, maybe I'll even live to see a second edition!

Now about Plate 1. It came from D.L. Pearson's "Pollen /Spore Color "Standard", Version #2, Phillips Petroleum Co., Exploration Projects Section, Nov., 1984 (never published in a journal or a book as far as I know). I just rechecked with the original, and discover that, sure enough, the colors in my book are pretty different shades from the original swatches on the chart. I enclose a xerox of the two-page original from Pearson--of course, it doesn't help with the colors, but does give you more info of interest about the exact Munsell colors in the table.

The current AASP directory lists Pearson as: Daniel L. Pearson, 5030 Allen Cres., Bartlesville, OK 74006. (I gather that the initial "A." on the chart is an error.) You might wish to write him. He might still have copies of his famous chart with swatches and could send you one.

You're certainly right that colors are very tricky, if one tries to be precise. However, I know that various oil company labs do keep charts by the scope and routinely assign numbers: 1+ is yellow and 3 is brown all right, but.... Supposedly field biologists must be doing something when they record butterfly colors, etc. Do you know how they operate? Field geologists now have a little chart they use--offhand I don't know where it comes from. I recall at Shell that my neighbor, Gutjahr, the pioneer in carbonization, gave up on color and went to measuring amount of light transmitted, eventually reflectance, because an actual number could be measured.

I enjoyed seeing the letter about Albert Munsell and all that.  
All the best.

Yours very truly,

Alfred Traverse

AT/et  
encl: xerox

10 July, 1984

Dr. Margaret E. Collinson  
Dept. of Plant Sciences  
Kings College (Univ. of London)  
68 Half Moon Lane  
London SE24 9JF, U.K.

Dear Margaret:

Have read your (and yours and Andrew's) papers with great interest and profit. I especially liked the Bembridge Marls paper-- reminded me of Brandon days!

All the best.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

*as corresp.*

<sup>E.</sup>  
Dr. Margaret Collinson  
Palaeontology Department  
British Museum (Natural History)  
Cromwell Rd.  
London SW7 5BD, England

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

18 September, 1987

Columbia University Press  
562 W. 113th St.  
New York, NY 10025

att: Edward E. Lugenbeel, Executive Editor

Dear Mr. Lugenbeel:

Here is my review of the C.B. Beck, Ed., volume. The contributions by Rothwell & Scheckler and of Grauvogel-Stamm, thus 2/11 of the volume, are not in the package (there are notes from the editor, explaining that they are to come later). I could not, of course, evaluate these papers, and one must evaluate the MS article by article, as it is quite heterogenous.

I supposed that my task was not as copy-editor, and I am not providing a list of typographic errors and the like. However, I have written corrections of some more obvious ones in red, directly on the MS.

As a whole, I am sure you are aware the book is very technical and will scarcely be a conversation-piece volume on coffee tables! The authors are top people, all well-known to me. They have produced a very valuable book, for those of us interested in fossil plants. Almost all of the material in the volume is new or newish. The dedication to Sergei Meyen, one of the authors, who died much too young in March, is a very nice touch, though some will wonder at a book dedicated to a co-author.

As to market, I have already touched on that above, but in addition I can say that every paleobotanist would have to have access to it. I would imagine few course adoptions, though it would, for example, surely be on the reserve book list for both my course in evolution and the course in paleobotany. There are no current books that directly compete. The current paleobotanical texts by Stewart, Taylor, Meyen and (in German) Klaus give only a relatively small amount of information about the gymnosperms.

I enclose my article-by-article evaluation.

I understand that I am getting an honorarium of \$100 for this work in lieu of books, but perhaps if you do publish it I could have a copy to consider the question of adoption?

Best wishes.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et  
encl: evaluation by article

P.S. Manuscript being returned under separate cover. (et)

A. Traverse: Comments on the individual sections of Beck, C.B.,  
Ed. Origin and Evolution of Gymnosperms

1. Beck & Wight: I thought it unfortunate that this contribution was first. While it is very complete and important, it is one of the most difficult of the articles to read. The prose tends to be ponderous. The more or less cladistic material on pp. 60-69 is far too arcane without diagrammatic illustration to underscore the major points. Even then, I feel it should be curtailed. Also, the understanding of alternative views of Archaeopteris would be helped by some sort of diagrammatic presentation, and I think an illustration (table?) of some sort to help the reader get oriented at the very beginning would be a great help. The presentation of Meyen's views on pp. 61-62 seems contradictory to this reader: p. 61, middle paragraph, seems to say Meyen favored Archaeopteris ancestry for seed ferns and not for coniferopsids, whereas p. 62 says Meyen agrees with Beck that A. is ancestral to coniferopsids. Again, it seems to me that here a diagram of the alternative positions would be helpful. If necessary, room could be made by reducing the existing photographic figures a bit, though I would prefer to leave them alone, and abbreviate some of the text, pp. 60-69.

I wonder if Beck can't find some less startling way of citing his previous work, than to say Beck (and Wight, to be sure) 198? "agree with Beck (x,y & z)."

On p. 42, l. 3 (and a number of other places) I would avoid the horrible term "workers".

Clearly this is an important contribution, so why not brighten it up a bit.

2. Rothwell & Scheckler: not sent. Dr. Muriel Fairon-Demaret of Liège certainly could have written this section, and would be able to evaluate it when it does come in.

3. Galtier: Although it contains a great deal of good, including much new, information, this article doesn't seem to me to flow as felicitously as could be hoped for--it seems choppy. It also seems to me, even from the author's conclusions (p. 28-29), that the subject is very loosely organized--that the "phylogenetic relationships" mentioned in the title are not very clear. If the relationships are so uncertain, the reader wonders if the article's effort at a framework is premature? Fig. 1 makes it appear that the situation is quite muddy, and the upper part of it doesn't look right somehow. I wonder if a better effort at an introductory figure that helps orient the reader is not possible.

4. Taylor: A good, thorough review of the subject. The one suggestion I would make for improvement would be a table or tables of the pollen characters for all the groups--that would help the reader keep matters straight.

5. Crane: This is a very well organized paper. The illustrations are clear, helpful, and well chosen. However, Fig. 2 seems to lack angiosperms, though the caption implies they're there. They are there in Fig. 1, though the caption implies they're not. Are 1 & 2 not reversed?

6. Rothwell: A good summary of the subject. I believe that a diagram summarizing the various main concepts or relationships would be very helpful. The bibliography needs to be checked again--it has too many errors. I would argue with the author on pp. 13 & 14: I don't think one can say that the microgametophyte is monosaccate! The exine is microspore wall and it belongs to the spore.

7. Grauvogel-Stamm: not available. She is a very competent person but knows little English.

8. Clement-Westerhof: This article reads like a number of pages in a flora. Descriptions are presented one after the other without any narrative quality. At least a summary table or tables listing all the taxa, what they are, and where they fit in is needed for orientation. A succinct summary could be added to make clear what items are of prime importance and why. Fig. 15 should be changed so that nothing will be upside down on the page as it appears.

9. Meyen: As Sergei died in March, this article can hardly be rewritten. It's a good paper, but if it could be done, I'd try to get him to reduce the number of new terms. As that is impossible, I wonder if the editor could not ~~prepare~~ prepare a table of all the new Meyen terms, as well as those that are not new but are nevertheless hardly household words--"polysperm", "cladosperm", "funiculodia", etc. This is what has always made Meyen's papers hard to read. A table listing all of the taxa with information about them would also be helpful.

Also, the oft-repeated statement (e.g., on p. 21) that "a detailed survey of...is given elsewhere..." should be rephrased. At least it puts off this reader. It would be better to state what one wants to say briefly, give the reference and move on. The "look elsewhere" bit makes the reader think that he can't absorb the facts without a further trip to the library.

On p. 27, #1 should go on to say, "...whereas in the Middle and Upper Carboniferous and in the Permian..." Without something of that sort, the thought is incomplete, as none of the other items 1-6 cover this.

10. Watson: This is a well prepared and informative article, but it could be reduced about 20% in length in my opinion, principally by condensing the illustrations somewhat. If space is not a consideration, they certainly do no harm.

11. Miller: Cladistic analysis still requires some explanation for the average probable reader of this book. Miller on p. 37 starts talking about "PAUP", which I do not find explained at all, though it comes up again in Table 2, along with "OTV" and "CLINCH"; these all need at least a parenthetical explanation. Along the same line, I think a little rewriting should be done to link the very interesting material of the "proposals" 1-16 with what is done in the analysis using them. This should not be a difficult task.



↓ file  
COLUMBIA UNIVERSITY PRESS

September 17, 1987

Dear Professor Traverse,

It is not necessary to return the Beck mss. back.

If there are pages you annotated that would be helpful to the editor, you might include those with your review.

I appreciate your help on this review.

Sincerely,

Ed Luzzatelli

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

10 September, 1987

Mr. Edward E. Lugenbeel  
~~Columbia University Press~~  
~~562 West 113 Street~~  
New York, NY 10025

*file*

Dear Mr. Lugenbeel:

Yours of 28 August and the massive MS are in hand. You'll be hearing from me about that ASAP. Could you drop me a postcard to let me know if you want the MS back?

The catalogs contained many tempting items, but I believe at the moment some help with paying for books I bought at the recent Congress in Berlin is more important, so I'll take the \$100. The SS# card is enclosed.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et  
encl: SS# card



*File*  
✓

# COLUMBIA UNIVERSITY PRESS

August 28, 1987

Professor Alfred Traverse  
Deike 435  
Pennsylvania State University  
University Park, PA 16802

Dear Professor Traverse:

Thank you for agreeing to evaluate ORIGIN AND EVOLUTION OF GYMNOSPERMS by Charles B. Beck. The manuscript is enclosed.

I would basically like to know the following: (1) Is the manuscript suitable for publication? What is the originality and significance of the author's contribution to the literature in this area? Has the author covered her/his chosen topic in a comprehensive manner? If not, what other aspects should have been covered? Has she/he argued her/his thesis convincingly? Do you have any suggestions for revision that you feel would benefit the authors work? (2) How large a market would you estimate there might be for this proposed book? To what types of audience would the book be particularly appealing? Would there be any possibility of course adoptions and/or translations of this book? (3) Are there any competing books on this subject? If you wish to add any further comment on specific points, please feel free to do so.

I am happy to offer you an honorarium of \$100.00 or twice that amount in Columbia University Press books for your time and assistance with this project. Several catalogues are enclosed should you wish to be sent books.

Thank you again, I look forward to hearing from you soon.

Sincerely,

Edward E. Lugenbeel  
Executive Editor

EL/lw

562 WEST 113TH STREET, NEW YORK, NEW YORK • 10025 • (212) 316-71

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

1 July, 1987

Ann M. Zeller  
Marketing Manager, Columbia Univ. Press  
136 South Broadway  
Irvington, NY 10533

Dear Ms. Zeller:

I enclose a check for \$3.00 ~~to~~ to cover postage and ~~handling~~ handling for a copy of "E~~v~~olving Hierarchical Systems", per your recent letter. We might well be able to use the book in our evolution course (Biology/Geosciences 427: Evolution; 90-100 enrollment; offered in the Fall Semester each year).

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et



# COLUMBIA UNIVERSITY PRESS

22 June 1987

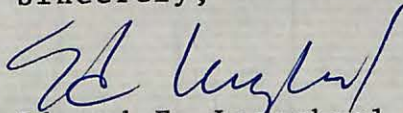
Professor Alfred Traverse  
Department of Geosciences  
Pennsylvania State University  
University Park, PA 16802

Dear Professor Traverse,

Seeing your article in SCIENCE magazine, POLLEN AND SPORES DATE  
ORIGIN OF RIFT BASINS FROM TEXAS TO NOVA SCOTIA AS EARLY LATE  
TRIASSIC recalled our exchange of letters in 1985.

I'm wondering if your paleopalynology text with Allen & Unwin is  
finished and you have begun to think about your next book, perhaps  
on the philosophical, theological, economic and political  
evolutionary thought. I'd be delighted to learn of your plans.

Sincerely,

  
Edward E. Lugenbeel  
Executive Editor

EEL/ah

562 WEST 113TH STREET, NEW YORK, NEW YORK • 10025 • (212) 316-7115

1 November, 1985

*File* →  
Mr. Edward E. Lugenbeel  
Executive Editor  
Columbia University Press  
562 W. 113th St.  
New York, NY 10025

Dear Mr. Lugenbeel:

Thanks for yours of 2 October re a possible book on Mesozoic palynology.

I am currently writing (80% complege) a text for college instruction in paleopalynology, and that ought to keep me out of mischief in the book-writing direction for some time to come! When I finish, your suggestion is certainly something I'd consider--but at the present I dare not even think of it!

Best wishes.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et



*file*  
COLUMBIA UNIVERSITY PRESS

October 2, 1985

Professor Alfred Traverse  
Department of Geosciences  
Pennsylvania State University  
University Park, PA 16802

Dear Professor Traverse:

Recently, I talked to a group of the program directors at NSF to get suggestions of top scientists that should be approached to write a book in their specialty, and they brought up your work in mesozoic palynology.

I would like to talk with you about your interest in writing a scholarly book. Perhaps we could start with a note or phone call and continue at GSA or AGU, if there's an interest.

I'll look forward to hearing from you. Thank you for your consideration.

Sincerely,

Edward E. Lugenbeel  
Executive Editor  
(212) 316-7115

EL/es

August 9, 1973

Dr. J.A. Colwell  
Department of Geology  
Acadia University  
Wolfville, Nova Scotia  
Canada

Dear Jack:

This is just to thank you again for your great kindness in helping my student and me during our visit to the Wolfville area. Getting a preliminary glance at your student's thesis was especially helpful. I must confess, however, that for the first time in my professional career I have returned from a field trip with extremely little to show other than a slight tan and many happy memories. We did not succeed in finding the "correct" lithology, even though the Scott's Bay formation seems to me to hold out the most hope. If we could find some local pocket of it somewhere with some gray shale that had <sup>not</sup> been much altered by a secondary mineralization as seems to be the case wherever we were, we might yet be successful.

My cousin, The Rev. George Akseley, in St. John, New Brunswick, did indeed know your uncle (I believe you said he was your uncle) who is a priest in the same area that George is. What a coincidence!

Looking forward to seeing you again and hoping that perhaps you might bump into something one of these days that would be of significance to us, I am

Yours very truly,

Alfred Traverse  
Professor of Geology & Biology

AT/vsi

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

August 19, 1954

Mr. Arthur M. Steinmetz  
Consulting Engineer  
420 Main Street  
St. Joseph, Michigan

Dear Art:

The question of the \$275 has now been thoroughly investigated by the appropriate authorities and, as I had suspected, I am not able to accept the money. Will you see that the payment is cancelled?

I am looking forward to receiving the reprints of the articles.

With best regards,

Very truly yours,

Alfred Traverse  
Coal Technologist

ATraverse:vh

cc: Region V  
JDLankford  
ATraverse  
File 023  
C File

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

August 19, 1954

Memorandum

To: Harry Perry, Acting Chief, Fuels and Explosives Division,  
Washington, D. C.

Through: Chief, Fuels Technology  
Division, Region V  
Regional Director, Region V

From: Coal Technologist

Subject: Articles prepared by A. Traverse for Consulting Engineer

I have seen a copy of your memorandum of August 3, 1954, to Mr. Lankford on the above subject. Your cooperation in exploring this situation is much appreciated.

When the check arrived it was a complete surprise to me. My initial reaction was that there would be no chance of my keeping the payment. But I asked that a ruling be obtained because it seemed to me that the circumstances were very unusual. The articles had been undertaken at the direction of my then superior here, Mr. Burr. There was never a hint about payment from the editors. The articles were approved by the Bureau of Mines, and were in press when the check came. This payment was labelled by the editors as ". . . in appreciation". Hence, it seemed that it might be possible to construe this as an award.

Thank you again for obtaining a ruling on this subject.

*AT*  
Alfred Traverse

ATraverse:vh

cc: Region V  
JDLankford  
ATraverse  
File 023  
C File

THE GEOLOGICAL SOCIETY OF AMERICA

COAL GEOLOGY DIVISION

FIRST CALL FOR PAPERS FOR THE 1966 ANNUAL MEETING,  
SAN FRANCISCO, CALIFORNIA, NOVEMBER 14-16.

*fill as correspondence  
(refuse field?)*

To Members of the Coal Geology Division and other interested persons:

The program of this division for the 1966 annual meeting, as now planned, is to consist of three parts, a field trip, a symposium, and a technical session, as well as a luncheon.

The field trip is planned to begin at Salt Lake City, November 11, proceed by bus to include coal fields and other areas of interest near Provo, Price, and Sunnyside and also a long-wall mining operation. The trip will return to Salt Lake City by noon, November 13th, and fly to San Francisco on the 13th. Chairman for the trip is Ken Hamblin.

The symposium is to be on Palynology of the Cretaceous-Tertiary Transition and may consist of a half-day presentation of papers followed by an evening session of discussion based on the papers presented. It is being arranged by Bob Kosanke, Bill Eivity, and Jim Schopf.

*Eivity*

The technical program will be made up of papers offered in the fields of coalification, coal resources study, stratigraphy and structure of coal or coal-bearing sequences, sedimentation of coal and associated rocks, coal petrology, coal mining geology, chemistry of coal as a rock, physical properties of coal, coal carbonization, and mineral matter in coal. This letter is sent out to solicit papers for the technical program. It is hoped that a significant number of the papers for the technical session may deal with the coals of the western United States, as these coals have had comparatively slight attention in the earlier meetings of the division.

If members of the coal division receiving this letter know of studies of western coals which should contribute to this technical program, their cooperation in contacting prospective authors will be greatly appreciated. The program is not to be restricted to researches on western coal, but because of the location of the annual meeting, it is hoped that a number of such papers can be secured.

A postal card is enclosed for your convenience in indicating your present intentions regarding the field trip, as well as suggestions for papers to be presented at the technical session. Please return this card to one of the undersigned by March 28, 1966, if possible. The abstract of the proposed paper should reach one of us not later than June 1st, to allow formulation of the final program. You may obtain official GSA forms for submitting your abstract by writing to Geological Society of America, Inc., 231 East 46 Street, New York, New York, 10017.

Respectfully yours,

*Frank*

F. E. Kottlowski  
State Bureau of Mines and Mineral  
Resources  
Socorro, New Mexico 87801

*Harold*

H. R. Wanless  
Department of Geology  
University of Illinois  
Urbana, Illinois 61801

Program - Co-Chairmen



March, 1966

Mr. Donald L. Cole  
Technician  
Bituminous Coal Research, Inc.  
350 Hochberg Road  
Monroeville, Pennsylvania 15146

Dear Mr. Cole:

Yours of the 22nd is interesting, but doesn't completely end the matter. In the first place, I had better tell you what Bill doesn't seem to have--that I have made thousands of thin sections of lignite, but it was some years ago. I was aware of Lakeside 70 as an emergency substitute adhesive; I used to use it whenever I ran out of the Bureau of Mines balsam-marine glue mixture. The latter has a much lower melting point than Lakeside 70 and is, hence, better. Unfortunately, as Bill and I have already discussed, Ferdico Marine Glue, the critical component, is no longer manufactured. The marine glue mixture was thermoplastic as Lakeside 70, but the lower melting point eliminated (in large part) the problem you invariably have a fair percentage of lignites when you use Lakeside 70, that the lignite gives off enough water vapor to foul things up (not so bad with woody lignites, but the devil with atrital ones).

I have had the class switch over to Lakeside 70 several weeks ago--I had a supply laid in just in case. But some of the experimentally minded have also been having trouble with the epoxy even with bituminous coal--it doesn't



want to adhere to the glass surface. I am wondering if we have the right Biggs BA. I have also tried Wards (Natural Science, not Montgomery) "epoxy patch kit", and it seems to work better than Biggs, albeit it is just a little on the cloudy side... not enough to bother, I would say.

If you use Lakeside 70 for lignites, why not use it for bituminous coals too? I have a student who is doing a term-paper on Kansas bituminous coal who is making first-rate thin sections of the stuff with Lakeside 70.

Regarding making lignite sections of crushed coal, your comments make me realize how tempus fugit along and one is forgotten--ha ha. In the publication enclosed I describe a technique which in my experience is far better than plain plaster of paris, for the reasons described. See page 96.

I am having your letter duplicated for the class (of 4!) to let them know that in turning to Lakeside 70 we weren't so old-fashioned as some of them opined!

But I would appreciate hearing further comments from you and/or Bill about why we have this no-stick-to-glass trouble with epoxy resin, and why you use the stuff instead of thermoplastic resin anyway. Also, I wonder if we couldn't develop a modern or moral equivalent to the old maring-glue-balsam thermoplastic stuff with a low melting point, or come up with an epoxy that isn't water sensitive?

Many thanks for your help. I look forward to meeting you as a fellow thin-section artisan.

Yours very truly, / /

**BITUMINOUS COAL RESEARCH, INC.**  
PITTSBURGH, PENNSYLVANIA

JAMES R. GARVEY  
PRESIDENT  
JOHN W. IGOE  
VICE PRESIDENT  
D. PAUL MCCLOSKEY  
SECRETARY AND TREASURER



PLEASE ADDRESS REPLY TO:  
350 HOCHBERG ROAD  
MONROEVILLE, PA.  
15146  
PHONE: 412 327-1600

March 22, 1966

Mr. Alfred Traverse  
The University of Texas  
Department of Geology  
Austin, Texas 78712

Dear Al,

Bill gave me your letter telling of the difficulties you encountered when you tried to section lignite using our coal thin sectioning techniques. The sectioning of lignite or subbituminous coals, whether they are oriented block sections or crushed particulate samples, involves an entirely different approach than that of coal. I will answer your questions and then describe a procedure for sectioning lignite.

Moisture and epoxies do not mix--this is your number one problem. Room temperature and 8 hours of curing time is always used when using epoxies as mounting mediums. To explain why, would be quite involved and would not solve your problem. The hardener could be increased about five drops if you were sectioning coal and had some trouble. This depends upon the shelf life of the epoxy.

Rough Technical Notes for Sectioning Lignites

1. The lignite should be always moist and never dried.
2. Block sections should be surfaced and mounted to the slide using lakeside #70 cement, a thermo-setting resin--supplier: Hugh Courtright & Co.  
7652 S. Vincennes Ave.  
Chicago 20, Illinois
3. The resin stick is melted on the glass slide at a low temperature on a hot plate. The surfaced sample of lignite is given a blast of air and mounted immediately on the softened resin. The sample is manipulated to and fro on the resin covered slide, and then removed. A pair of tweezers can be used to force the bubbles out.
4. The sample is allowed to cool for about 10 minutes and is then cut off with a bandsaw, leaving a thickness of about 50 microns of material on the slide.
5. Grinding and honing are the same as for coal, except lukewarm water should be used at all times.

To: Mr. Alfred Traverse

- 2 -

March 22, 1966

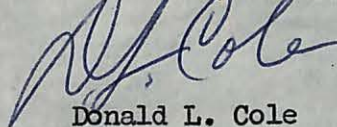
6. Finished section is then covered with glycerine and a cover glass or balsam. The balsam can be cured on a warming table at a temperature of 90° F in a few weeks.

7. Moist crushed particles can be embedded in a pharmaceutical type of plaster of Paris.

(a) 50 percent lignite particles and 50 percent plaster of Paris are mixed together with warm water until the mix has the consistency of premixed concrete.

(b) This mixture is poured into or mixed in a foil box and allowed to harden for about 4 hours and then is surfaced and mounted using the foregoing procedure.

Yours very truly,



Donald L. Cole  
Technician

DLC:eas  
9506

ORDER BLANK

Suggested Vendor:

Date 24-VI-74

Company Name Cole-Parmer Instr. Co.

Street Address 7425 N. Oak Park Ave.

City, State, Zip Chicago, Ill. 60648

Quantity	Catalog Number	Description of Article
1	—	Repair of one malfunctioning
		control on magnetic-stirrer - hot -
		plate (sent to Cole-Parmer
		separately)

Classification \_\_\_\_\_ Proposed By ST

Budget Assignment \_\_\_\_\_ By \_\_\_\_\_

Requisition Number \_\_\_\_\_ By \_\_\_\_\_

Requisitioning Date \_\_\_\_\_ Estimated Cost 720

June 24, 1974

Cole-Parmer Instrument Co.  
7425 N. Oak Park Avenue  
Chicago, Illinois 60648

Attn: Service Dept. (Ms. Evelyn Coleman)

Dear Sirs:

Under separate cover (United Parcel Service) we are sending you another of our magnetic stirrers with hot plate for repair of one of the four units which does not respond correctly to temperature adjustment. The defective unit is indicated on the sheet attached to it in the package. We are also submitting under separate cover a purchase order to cover the cost of repair.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/vsi

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

January 10, 1974

Cole-Parmer Instrument Co.  
7425 N. Oak Park Avenue  
Chicago, Illinois 60648

Dear Sirs:

We have been using two of your "4820-40 magnetic stirrer with hot plate." One of the heating units does not work correctly, and we have also occasionally had trouble with the magnetic stirring apparatus on another unit. The question I would like to put to you is whether it is possible to have you repair such a unit. Can we ship a unit into you with instructions for its repair? I am contemplating ordering an additional unit or two of this sort, and your answer will help me to decide what to do.

Yours very truly,

*Alfred Traverse*

Alfred Traverse  
Professor of Geology & Biology

AT/vsi

*Hot plates are repaired here  
warranty for stirrer is 6 months  
if under warranty send copy of  
P.O.#*

*Marge Kramer*

JAN 16 1974

*overheats at  
lowest  
setting*

1/16/74

April 9, 1970

Robert T. Collins  
Correspondence Office Manager  
Commissioner of Patents  
Washington, D. C. 20231

Dear Mr. Collins:

On 18 January, 1970, I wrote your office regarding the Eli Terry patents on wooden movement clocks. You responded on 30 January, 1970, that there were two patents on the subject in question, namely one for November 17, 1797, and March 4, 1826, and said in your letter that I could obtain copies of them for \$ .50 a piece. I answered the letter and enclosed \$1.00 to cover the payment. Unfortunately, I used a \$1.00 bill instead of a check. Could you let me know if my order was ever received and if so why I haven't obtained copies of the two patents?

Yours very truly,

Alfred Traverse  
Associate Professor of  
Geology and Biology

AT/mrw

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

29 August, 1989

Edward E. Lugenbeel, Executive Editor  
Columbia University Press  
562 West 113th St.  
New York, NY 10025

Dear Ed:

Yours of 25 August in hand. I guess I owed you a formal letter earlier, to tell you that the sedimentation-of-palynomorphs volume I'm trying to put together will be published by Cambridge University Press. I decided, perhaps incorrectly, that as you were already planning such a volume (by Spicer et al.) it would be better to go with a different publisher for mine. I know we discussed this, and I thought you'd deduce from my later silence that I'd moved in another direction. However, I really should have written you, and I'm sorry I didn't.

All the best to you. I recall our visit here with pleasure.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et



# COLUMBIA UNIVERSITY PRESS

25 August 1989

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

Dear Professor Traverse,

Bruce Cornet tells me you are planning another book on palynology and I'm wondering if you'll share your ideas with me and consider Columbia University Press as your publisher.

I'll look forward to hearing more about your plans.

Thank you for your consideration.

Sincerely,

Edward E. Lugenbeel  
Executive Editor

562 WEST 113TH STREET, NEW YORK, NEW YORK • 10025 • (212) 316-7125

FAX 212 516 7169



COLUMBIA UNIVERSITY PRESS

October 24, 1988

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

Dear Al,

I think you can see how an amateur (if I can even be called that) could miss seeing your book plan on the sedimentation of polymorphs being terribly similar to Spicer et al., The Sedimentation and Preservation of Terrestrial Plant Organic Matter, as outlined in the enclosure.

Please let me know your reaction. I will be at GSA and elsewhere and will return to the office about November 8. Perhaps you'll be at GSA. I will have a single table exhibit. Please look for me.

Sincerely,

Edward E. Lugenbeel  
Executive Editor

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

8 June, 1988

Edward E. Lugenbeel,  
Executive Editor  
✓ Columbia University Press  
562 W. 113th St.  
New York, NY 10025

Dear Ed:

Just a progress report: I have definite "yeses" now for a very illustrious group of 15 authors for the sedimentation-of-palynomorphs book. The list includes several people who are not involved in the symposium at Brisbane (Caratini of France, Batten of U.K., Hart of LSU, Habib of CUNY-Queens) and whose abstracts you've not seen at all. Those from the symposium have been asked to come up with new abstracts, reflecting the more general nature of a chapter in the book. Also, only some of the symposium participants have been invited to write for the book; (the symposium itself now has over 20 speakers and will last two days). I am trying to hold to an early 1989 deadline for the chapters. We'll see.

I hope I can get a table of contents and set of abstracts, etc., to you sometime this summer.

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  
(814)863-3419 or (814)865-6393

file

28 March, 1988

Dr. Edward E. Lugenbeel, Executive Editor  
Columbia University Press  
562 West 113th Street  
New York, NY 10025

Dear Ed:

Here's a copy of all of the abstracts for the sedimentation-of-palynomorphs program for 7IPC-Brisbane for August. I believe a majority of them are naturals for the volume on the subject I'd like you to consider publishing.

I do not intend to invite all of the participants to write for the volume. Furthermore, I already have a commitment from Batten at Aberdeen Univ. for a chapter--that was a must. I also would like to get Habib at Queens, NYC, and am working on him. My plan would be for an introductory chapter by Traverse & Farley to lead off the volume, which also would include at the end a valuable annotated bibliography on the subject, which Farley has prepared.

The book would bear on many biological and geological sub-disciplines: palynology generally, ecology, taphonomy, sedimentology, especially vis-à-vis sediment provenance, paleocirculation patterns, and plant community evolution, among others. There's no other book on this subject, and it would be of interest to a broad spectrum of readers in the biological and geological sciences. In brief I would contemplate about 12-15 chapters.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et



# COLUMBIA UNIVERSITY PRESS

Jan? 1988

Professor Alfred Traverse  
Deike Building 435  
The Pennsylvania State University  
University Park, Pa 16802

Dear Professor Traverse,

It was good to talk with you and I'm looking forward to meeting you at 9:00 am, February 22. 1988

On the lithologic/palynologic book coming out of the symposium please send me a table of contents containing the contributors, their affiliations, and abstract of their chapter. Assume you have them all agreed to contribute, for this purpose. Also, send a prospectus (containing only the slightest reference to the symposium itself, because of the prejudice to symposium volume by book buyers and book sellers) that describes everything that is not apparent in the table of contents. This would include the rationale (need) for the book and comparison to available books and the literature; the level and intended audience; and even the nitty-gritty details of probable size, types and numbers of illustrations. All of this would be helpful in my getting reviews (please suggest some candidates not contributing) and getting approval to offer a contract, which might be useful in getting some contributors on board.

I'm looking forward to seeing you to talk more about this and also abook we briefly discussed in the past - the one about philisospical, theological, economic and political evolutionary thought.

Sincerely,

Edward E. Lugenbeel  
Executive Editor

EL/mc

562 WEST 113TH STREET, NEW YORK, NEW YORK • 10025 • (212) 316-71 15

July 28, 1969

Dr. A. Combaz  
C.F.P.  
Laboratoire Central  
114 Cours du Gallieni  
33 - Bordeaux, France

Dear Dr. Combaz:

Thank you very much for the copies of your papers 23 and 27, namely, "Sur quelques critères physico-chimiques de la diagenèse d'un kérogène?" and "Un microbios du Trémadocien dans un sondage d'Hassi-Messaoud."

You have done a very nice job with the flora and fauna of these very ancient rocks. It was not very long ago that materials of such antiquity would be presumed of no palynological interest, and I think that the sort of job that you have done will encourage more of us to look more closely at the Ordovician and Cambrian rocks in our own vicinities. I wonder, however, if any of the spores concerned will really turn out to be Trilete. I have more than a merely botanical interest in this question, because if the spores are those of land plants, I would suppose that our Catalog of Fossil Spores and Pollen should include them within its purview.

I have also read with considerable interest the paper on diagenesis of kerogen. I believe that the subject of kerogens and their origin will be one of the "hot subjects" of the near future.

Best wishes.

Yours very truly,

Alfred Traverse  
Associate Professor of Geology & Biology

AT:kwc

*file*

# COMMERCIAL TESTING & ENGINEERING CO.



SINCE 1908

GENERAL OFFICES

228 NORTH LASALLE STREET  
AREA CODE 312 726-8434  
CHICAGO, ILLINOIS 60601

MAIL ADDRESS P. O. BOX 808  
CHARLESTON, W. VA. 25323  
LOCATION 626 BROAD STREET  
PHONE 342-2156  
AREA CODE 304

I. H. WILSON  
DISTRICT MANAGER

August 2, 1966

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

Dear Dr. Traverse:

In answer to your inquiry of July 29, concerning our analytical services, we are set up to run proximate and ultimate analyses on a routine basis. The question of quantity of sample seldom arises. The minimum required would be 10 grams which would leave no reserve for check purposes.

An ultimate analysis on 1 gram sample could be determined if the chlorine were not run. We use a 5 gram sample for chlorine determinations. Chlorine content runs from about 0.15 to 0.00%.

The cost for a proximate analysis is \$13.50 and for the ultimate analysis \$35.00. The combination price is \$45.00 per sample.

Thank you for your inquiry and we hope we can be of service to you in regard to your analytical needs.

Very truly yours,

COMMERCIAL TESTING & ENGINEERING COMPANY

*O. J. Johnson*  
O. J. Johnson  
Assistant District Manager

OJJ:pg



CHARLESTON 23, W. VA. CLEVELAND 14, OHIO TOLEDO 2, OHIO TERRE HAUTE, IND. NORFOLK 4, VA.  
CLARKSBURG, W. VA. STRATTANVILLE, PA. MADISONVILLE, KY.

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

9 August, 1966

Mr. O. J. Johnson  
Assistant District Manager  
Commercial Testing & Engineering Co.  
Charleston, West Virginia 25323

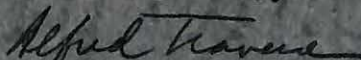
Dear Mr. Johnson:

In response to yours of 2 August, I am sending you under separate cover a sample of approximately 43 grams of coal for proximate and ultimate analysis.

Part of the small lump that I am sending has a surface coating of yellowish stuff that should be scraped off, though I think that the film is really so thin that it would throw the analysis off very little.

This is an unusual coal, so don't be surprised by an unusual analysis!

Yours very truly,



Alfred Traverse  
Associate Professor of Geology

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

29 July, 1966

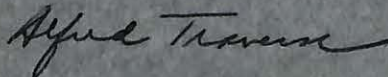
Commercial Testing and Engineering Co.  
P. O. Box 808  
Charleston, W. Va. 25323

Dear Sirs:

As a newcomer here, I have heard about your analytical services. Could you send me information about whether you run proximate and ultimate analysis of coal samples, if so how much sample is normally required, and whether it is possible in some cases to run such analyses with very small samples--say a gram or so.

What are the charges?

Yours very truly,



Alfred Traverse  
Associate Professor of Geology

November 14, 1974

Dr. John D. Constable  
Harvard Medical School  
Massachusetts General Hospital  
Boston, MA 02141

Dear John:

That was a great and much to the point letter in the current number of Science. The horrors perpetrated by biological warfare simply must not be swept under the rug.

Congratulations on a fine piece of work.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/vsi

P.S. The informality of the greeting is because I am assuming that you are my old Harvard 1947 classmate. If I am right, we were pre-med together about 30 years ago!



MEMBER  
CONTROLLED CIRCULATION AUDIT, INC.  
NATIONAL BUSINESS PUBLICATIONS, INC.

# INDUSTRY AND POWER

FOUNDED 1920

420 MAIN STREET · ST. JOSEPH, MICHIGAN

July 28, 1954

Dr. Alfred Traverse  
Lignite Research Laboratory  
Grand Forks, North Dakota

PERSONAL

Dear Al:

After receiving your recent personal letter, I checked into the file of the article we carried in CONSULTING ENGINEER on underground gasification of coal which was jointly prepared by Mr. Elder of the Bureau of Mines and Mr. Fies of Alabama Power Company. I find that we submitted compensation but that the check was later returned to us with the statement it could not be accepted.

Since this was a joint effort, I do not know if that influenced the decision. As far as we are concerned, we would be happy for you to have the compensation, and since you have already taken it up with the various authorities, whatever decision is reached within your own organization will be satisfactory to us.

Kindest personal regards.

Cordially,

INDUSTRY AND POWER

A. M. Steinmetz  
Senior Associate

AMS/dw



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES

Region V  
2909 Colfax Avenue South  
Minneapolis 8, Minnesota

RECEIVED

JUL 28 1954

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

July 26, 1954

Memorandum

To: L. C. McCabe, Chief, Fuels & Explosives Division,  
Washington 25, D.C.  
Thru: Regional Director, Region V M. E. Volin

From: Chief, Fuels Technology Division, Region V

Subject: Articles prepared by A. Traverse for Consulting  
Engineer

A manuscript on coal microscopy prepared by A. Traverse for publication in the journal Consulting Engineer will be published in the July and August issues. The manuscript has been revised by the editors to give two separate articles with titles as follows: (1) Coal Microscopy, An Important Research Method; and (2) Applications of Coal Microscopy.

Unexpectedly, the editors of Consulting Engineer have seen fit to send Traverse a check for \$275 for his work on the articles. There had been no previous understanding or indication that such a payment was intended.

Dr. Traverse has been advised that the check he has received from Consulting Engineer probably will have to be returned. However, one member of the staff recalled that a provision to allow authors to retain fees had been proposed in recent preliminary material prepared for the Bureau of Mines Manual and sent to the field for review. While we do not have this preliminary draft to refer to and we strongly doubt that any regulation would permit Traverse to retain the fee in this instance, nevertheless, we would appreciate it if you would obtain a ruling for us in this case.

J. D. LANKFORD

File-110

cc: McMurtrie  
Traverse ✓  
Region V

P.S. Traverse's article received Bureau approval for publication in December, 1953.

JDL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES

## REFERENCE SLIP

DATE July 22

REFERRED TO:

1. A. Travers
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

FOR:

- |                               |   |
|-------------------------------|---|
| _____ Action                  | _____ Recommendation                      |
| _____ Approval                | _____ Record                              |
| _____ Comment                 | _____ of _____                            |
| _____ Conference              | _____ Referring                           |
| _____ Consideration           | _____ to _____                            |
| _____ Filing                  | _____ Reply for signa-<br>ture of _____   |
| _____ Instructions            | _____ Rewriting                           |
| _____ Investigation           | _____ Signature                           |
| _____ Initials                | _____ Suggestions                         |
| _____ Mailing                 | _____ Your information                    |
| _____ Previous correspondence | <input checked="" type="checkbox"/> _____ |

REMARKS: \_\_\_\_\_

Check (X) before the items needing attention.

Rm

Initials of sender.



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

RECEIVED

JUL 22 1954

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

July 20, 1954

Memorandum

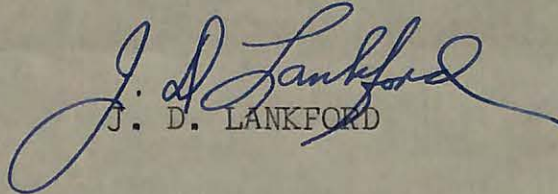
To: R. McMurtrie, Chief, Lignite Branch, Fuels Technology Division, Region V, Grand Forks, N.D.

From: Chief, Fuels Technology Division, Region V

Subject: Articles prepared by A. Traverse for Consulting Engineer

This is in reply to your memorandum of July 19 on the same subject. In the past, it has been the policy of the Bureau of Mines that Bureau authors could not accept remuneration for articles published in connection with their official duties. The usual procedure has been that a more or less unofficial agreement is reached with the publishing firm whereby they supply the Bureau with printed matter, books, and the like in lieu of payment. This, of course, does not give much to the individual author.

I have learned, more by rumors than any other way, that there has been some talk of changing the above policy so that it may be possible for the authors to receive some pay. Consequently, the matter will be referred to Washington for review.

  
J. D. LANKFORD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES

## REFERENCE SLIP

DATE

19 July 54

REFERRED TO:

W.F. - WFO  
R.M.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

FOR:

_____ Action	_____ Recommendation
_____ Approval	_____ Record
_____ Comment	_____ of _____
_____ Conference	_____ Referring
_____ Consideration	_____ to _____
_____ Filing	_____ Reply for signa- ture of _____
_____ Instructions	_____ Rewriting
_____ Investigation	_____ Signature
_____ Initials	_____ Suggestions
_____ Mailing	_____ <input checked="" type="checkbox"/> Your information
_____ Previous correspondence	

REMARKS:

Further thought: would fact  
that this is not a company  
in the coal business be a  
factor? We aren't in a position

Check (X) before the items needing attention.  
to give C.S. special treatment.

AT  
Initials of sender.

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

July 19, 1954

Memorandum

To: J. D. Lankford, Chief, Fuels Technology Division, Region V  
From: Chief, Lignite Branch  
Subject: Articles prepared by A. Traverse for Consulting Engineer

A manuscript on coal microscopy prepared by A. Traverse for publication in the journal Consulting Engineer will be published in the July and August issues. The manuscript has been revised by the editors to give two separate articles with titles as follows: (1) Coal Microscopy, An Important Research Method; and (2) Applications of Coal Microscopy.

Unexpectedly the editors of Consulting Engineer have seen fit to send Traverse a check for \$275 for his work on the articles. There had been no previous understanding or indication that such a payment was intended.

It is our impression that Traverse probably cannot accept the check from Consulting Engineer because of restrictions on income from outside sources for government employees. However, we would like to raise the question and get a ruling in this particular case. It goes without saying that if it is possible to obtain permission to accept such a payment, Traverse would personally be quite satisfied to accept it.

<sup>Rm</sup>  
Robert McMurtrie

RMcMurtrie:vh

cc: Region V  
→ ATraverse  
File 110  
C File

# consulting engineer

The Consulting Engineer's Professional Magazine

Published by Industry and Power Publications, 420 Main St., St. Joseph, Michigan

July 15, 1954

Dr. Alfred Traverse  
Coal Technologist  
U. S. Department of the Interior  
Bureau of Mines  
Region Five  
Box LL, University Station  
Grand Forks, North Dakota

Dear Al:

The July issue of CONSULTING ENGINEER is expected off the press shortly and we will be sending a copy along for your records.

After considerable delay, we are now in a position to give you a look at the page proofs for the second part of the material which, incidentally, is scheduled for the August issue. The pages one and two will be facing pages as will three and four. Five is a single carry-over page.

With this particular article, our art director felt that we could use color to advantage. The locations are indicated by the transparent overlays. Since this is scheduled for August, the color will be blue.

Since page lengths on all of the material are now definitely established, we are enclosing our check in the amount of \$275.00 in appreciation of your efforts.

One detail that I forgot to mention is the fact that our type faces do not include an umlaut. Other than that I think everything is complete.

We sincerely appreciate your cooperation and look forward to seeing you during your next visit in our vicinity.

Kindest personal regards.

Cordially,

CONSULTING ENGINEER



A. M. Steinmetz  
Associate Editor

AMS/dw

Lignite Research Laboratory  
Grand Forks, North Dakota

21 July, 1954

Mr. A. M. Steinmetz  
Consulting Engineer  
420 Main St.  
St. Joseph, Michigan

Dear Art:

Corrected proof of "Applications of Coal Microscopy" is  
in the mail.

The check was a complete surprise. The idea of financial  
reward for my efforts had never occurred to me. I was naturally very  
pleased that the company deemed the articles worthy of remuneration,  
and will gladly accept the check if I can legally do so.  
I remember, for instance, that Industry and Power  
were handled. My chief here has expressed considerable doubt that I can  
has published articles by Bureau of Mines people before. If you  
accept it and he is now exploring the question with the various  
authorities. It has occurred to me that you may have had experience  
with government personnel.

Whatever the outcome of this "litigation", I will have  
derived much personal satisfaction from being offered such a handsome  
honorarium!

I have written this as a personal letter in order not to  
prejudge the case in an official letter.

Sincerely,

Alfred Traverse

CONTEMPORARY SCIENTIFIC ARCHIVES CENTRE

under the guidance of the Royal Society's  
British National Committee for the History of Science, Medicine and Technology

Honorary Director: Professor Margaret Gowing, F.B.A.  
Deputy Director: Mrs. J. B. Alton, M.A.

Postal Address: 10 Keble Road,  
Oxford,  
OX1 3QG.  
Telephone: (0865) 55174

12 November 1980

Dear Professor Traverse,

Many thanks for your letter of 6 November.

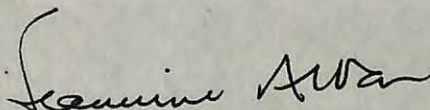
Sorry about the IUBS. You may charitably call it 'feedback';  
I call it being shunted around and I know the feeling.

You have obviously done just the right thing with the ICP  
archives to date, but the long-term problem remains. Several societies  
and associations face similar difficulties about their records, and no-  
one seems to come up with a solution.

Dr. Waley is indeed Dan - now Keeper of Manuscripts at  
the British Library (formerly British Museum). His private address is  
Flat 5, 24 Park Road, London NW1 4SH. He is a good friend to the Centre  
and we greatly value his support.

With kind regards,

Yours sincerely,



J.B. Alton

Professor A. Traverse, Palynological Laboratories,  
College of Earth & Mineral Sciences,  
The Pennsylvania State University,  
University Park, Pennsylvania 16802

file: Continental Scientific Drilling Committee

State of Delaware  
DELAWARE GEOLOGICAL SURVEY  
UNIVERSITY OF DELAWARE  
Newark, Delaware  
19711

CSDC  
file

ROBERT R. JORDAN, STATE GEOLOGIST  
101 PENNY HALL  
PHONE: 302-738-2833

December 16, 1980

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

Dear Dr. Traverse:

We wish to acknowledge receipt of your expression of interest in response to the "DEW Newsletter-1" issued by the Continental Scientific Drilling Committee concerning a deep geothermal test well that has been proposed for the Lewes, Delaware area.

This letter is being sent to all respondents to express our appreciation for your varied suggestions and offers of assistance in enhancing the science program that we wish to develop for this project. Because arrangements for the basic project have not been finalized and because we anticipate additional expressions of interest, we cannot do more at this moment than assure you that each proposal will receive careful consideration.

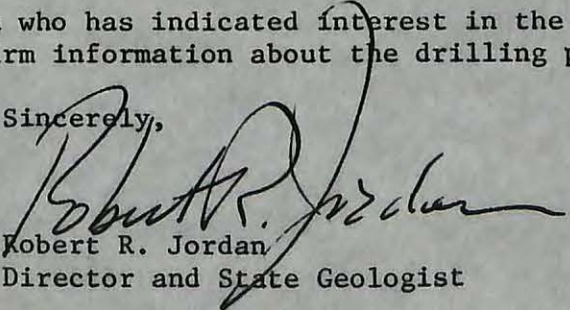
Much of what has been suggested and much of what we would like to see performed in conjunction with the geothermal test depends on the availability of resources to extend the hole through the sedimentary section and to acquire suitable cores and logs. At this writing the necessary resources have not been identified. Nevertheless, we are optimistic that the opportunities presented by the basic project will not be neglected.

The integrity of the project as a geothermal test must not, of course, be compromised by any additional work. However, it would seem that much valuable geologic information could be acquired in ways compatible with the fundamental objectives of the project.

It is gratifying that the Continental Scientific Drilling Committee is considering the general problem of maximizing the scientific value of drilling done for a variety of practical purposes. We hope that the work in Delaware may ultimately be considered an early indication of the success of its efforts.

We will be contacting each person who has indicated interest in the Delaware project as soon as we have firm information about the drilling program.

Sincerely,

  
Robert R. Jordan  
Director and State Geologist

RRJ:mac

100/0077  
14 February, 1977

The Continental Shelf Institute  
Hakon Magnussons Gt 1B  
Post Box 1883  
7001 Trondheim, Norway

Dear Sirs:

In August I sent you a bank draft for \$7.00 for a copy of publication #65. It has never arrived. Could you inform me what the problem might be? (The cancelled chek has been returned so I know that you received it.)

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/ej

TEXAS A&M UNIVERSITY

COLLEGE OF GEOSCIENCES

COLLEGE STATION, TEXAS 77843

Office of  
DEAN OF GEOSCIENCES  
Telephone (713) 846-8825

August 15, 1966

Dr. Alfred Traverse  
Department of Geology  
The University of Texas  
Austin, Texas 78712

Dear Dr. Traverse:

I hope you will pardon our great delay in replying to your letter of March 22 about a position on our geology faculty.

We are striving to build an excellent College of Geosciences at A&M. One of the fundamental steps to this goal is improvement of our Department of Geology and Geography, and the key to that aim is to find an outstanding man to lead the department. We had hoped to have the new department head identified by this time, but he is not. While searching for him, we have filled other positions in the department solely on the basis of immediate need, trying to preserve for the new head some initiative in staffing.

I thoroughly agree that you would be not only an "interesting" but a useful addition to our staff. Because, however, our immediate needs, as we see them, are in fields other than yours, we have not asked you to come to see us. On the other hand, I should have let you know the situation before now.

I note with interest that you worked under Elso Barghoorn. It was my great good fortune to get to know Dr. Barghoorn while I was the staff officer for the National Academy of Sciences' Committee on Paleontology.

If you would like your name kept in the file I am hoping to turn over to a new department head within a few months, please let me know. Should you be passing through College Station at any time, we'd be very pleased to have you stop to visit with us.

Sincerely yours,

*Earl Cook*

Earl Cook  
Associate Dean

cc: Dean Byers  
Dr. Parker



## The University of Texas at El Paso

Department of Geological Sciences  
January 30, 1991

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

*file*

Dear Dr. Traverse:

The long process of reviewing individuals for promotion is drawing to a close. We do not know the results yet, but I want to thank you for your help in evaluating Dr. William C. Cornell,

This is a job we all would probably prefer to avoid, but it is nonetheless extremely important. We really appreciate the time you spent providing your insight.

Sincerely yours,

G. R. Keller  
Chairman and  
Professor of Geophysics

ssl

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 Cornell*

Dr. G. R. Keller  
Department of Geological Sciences  
The University of Texas at El Paso  
El Paso, TX 79968-0555

Dear Dr. Keller:

Your letter of 23 October re Bill Cornell rather startled me, as I had assumed he was a full professor long ago. I would like to endorse his candidacy.

Dr. Cornell's work has been well known to me for a long time--I suppose about 15 years. I have known him best through two avenues, first through his acritarch (and other protists) publications, which although not enormous in number are very high in quality, and secondly, through the AASP, and especially through the marvellous job he did with the 1985 El Paso meeting. That surely brought a lot of deserved recognition to Bill personally and to UTEP in general.

It is clear to me that had Bill had a lighter teaching load, the volume of publications would be larger. On the other hand, I suspect that his impact on UTEP students is really a more important matter than, say, yet another monograph on the silicoflagellates. However, Bill's work on many aspects of micropaleontology, including palynology, has been innovative and important and especially, wide-ranging. Nobody in American micropaleontology is expert in so many aspects of our field. And that really hits the nail on the head in this case. Bill Cornell's claim to high rank at your institution should be his overall impact. At Penn State I believe he would be promoted on that basis.

Thanks for asking me to comment.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et



# The University of Texas at El Paso

Department of Geological Sciences

October 23, 1990

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

*file*

Dear Dr. Traverse:

We are reviewing Dr. W. C. Cornell this fall for possible promotion to Full Professor. As part of this process, we seek input from individuals outside our department who may be familiar with his research. Thus, we would greatly appreciate your evaluation of his research record. I realize this request is an imposition, but outside evaluations are a very important part of this process.

I hope you will be able to help us with this important decision, and I assure you that your evaluation will be both appreciated and considered carefully. For your information, copies of his resume and candidate's statement are attached. If I can provide you with any more information, please let me know.

Sincerely yours,

*Randy Keller*

G. R. Keller  
Chairman and  
Professor of Geophysics

ssl

Enclosures



**Business: Rains hamper El Paso area cotton harvest. Page 5B.**

**El Paso Times Local**

**B**

Friday, October 18, 1985

★★ Page 1-B

# Palynology: 'It's not just pollens and spores, people'

Did cavemen have hay fever?

"I think it's a pretty good bet," said palynologist William Cornell of the University of Texas at El Paso.

Cornell is one of dozens of palynologists — those who study living or fossilized pollens and spores — who will be meeting this week in El Paso to compare notes.

Cornell, whose specialty includes the study of 350-million-year-old pollen and spores, was instrumental in bringing dozens of his palynologist pals to El Paso for the meeting of the American Association of Stratigraphic Palynologists.

"It's not just pollens and spores, people," said

palynologist Terry Hutter of Boulder, Colo.

Although the study of million-year-old microscopic life may seem academic, the palynologists, who are arriving in El Paso from all over the world, say there is an economic use to the study.

Cornell and Bob Turner of Canada explained that if you plan to drill for oil, it helps to have some idea how old the rock you're drilling through is.

As the drilling progresses, a palynologist examines pollen and spores in rock samples. By studying their "thermal maturation," which is the degree to which they have been "cooked" by the heat coming from the earth's core, it can be deter-

mined if the drillers are likely to strike oil or natural gas.

If the prospect is not favorable, the palynologist can call off the drillers and save the oil company its \$100,000-a-day drilling cost, "which is why oil companies employ palynologists," Cornell said.

Academic palynologists use their specialty to help construct a picture of the earth from the time the record began — 3.2 billion years ago, Cornell said.

One presentation at the meeting will concern the "freeze 'em in the dark model," which supposes that an asteroid struck the earth 65 million years

ago and wiped out the dinosaurs in an early "nuclear winter."

Though creationists might dispute some of the findings of palynology, Cornell quotes Scripture in explaining what palynologists are after.

The verse, "All flesh is grass" in Isaiah 40:6, contains the concept that plants are the start of the food chain and the basis of all other life forms, he said.


Regarding all such matters, palynologists correspond regularly between meetings, Turner said.

Obviously, this makes them pen palynologists.

— Tim Palmer

**Panel wants  
EP Electric**

Hunt Institute for Botanical Documentation



28 November, 1977

Dr. William Corneal  
Department of Geological Sciences  
University of Texas at El Paso  
El Paso, TX 79968

Dear Bill:

Thanks for the xerox copy of the thing from Fred Schobert (I guess). What can I say?--I suppose there's a distinct possibility the guy is pulling your leg, but why yours? On the other hand, perhaps you're pulling my leg? In any event, I'm going to have this thing framed. The president of Juniata College is a member of my congregation and has written a book on coal mining in Pennsylvania, and I can't wait to show him this thing.

Good to get to know you down in Tulsa and hope that future conventions will provide other opportunities for us to get together. In the meantime best wishes and thanks again.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

P.S. I just took the letter next door to Gene Williams, our professor of stratigraphy, to let him have a look at it and he already had a copy of it directly from the author. Apparently the guy has sent copies to somebody on practically every geological staff in the country, or ~~at least~~ at least that is Gene's impression.

**HUMBLE OIL & REFINING COMPANY**

MANUFACTURING DEPARTMENT

POST OFFICE BOX 3950

**BAYTOWN, TEXAS**

RESEARCH AND DEVELOPMENT DIVISION

December 17, 1958

Dr. Alfred Traverse  
Paleontology Department  
Shell Development Company  
Houston, Texas

Dear Dr. Traverse:

On behalf of Mrs. Nelson and the other officers of the Texas Junior Academy of Science, I extend our sincere thanks for the work you did in being a judge at the Saturday morning session on Biological Sciences. It was a real pleasure for me to have become acquainted with you and to have been associated with you in the conduct of this session.

I have received your letter of December 13 in which you recorded your comments concerning the papers presented at the session. These comments are very fine and will be quite inspiring to the student presenters. You requested in your letter to receive a copy of a paper presented by Eddie Comeaux. I have made a copy of this paper for you and am enclosing it herewith.

Very truly yours,



H. G. Corneil

HGC:bau

Enclosure



Department of  
Geological Sciences

June 30, 1994

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

Dear Al,

Thank you for sending information about England Slide Finders. As you suspected, other AASP-ers have also come to my rescue.

Much to the delight of our purchasing department, one was able to identify a vendor state-side (Bunton Instrument Co., Rockville, MD) and the extra horrendous paperwork of an international purchase order was avoided.

I am hoping to get to the AASP meeting in Aggie-land this fall and to there say a personal word of thanks to all who have helped.

With best regards,

A handwritten signature in dark ink, appearing to read "Bill", written in a cursive style.

William C. Cornell  
Micro-Professor of Associate Paleontology

El Paso, Texas  
79968-0555  
(915) 747-5501  
FAX: (915) 747-5073

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

23 June, 1994

Dr. William C. Cornell  
Dept. of Geological Sciences  
University of Texas at El Paso  
El Paso, TX 79968-0555

Dear Bill:

Probably somebody has bailed you out already. If not, I enclose info about the best source for England Finders we have discovered in recent years. As you probably know, the subject is discussed in detail in my text, and the English source is cited.

I can't seem to find the place where you mentioned this problem-  
AASP Newsletter probably? Could you pass the info to whomever?

All the best.

Yours very truly,

Alfred Traverse

encl: xeroxes about EF

1 November, 1983

Mr. S. M. Sutherland  
Laboratory Products  
Corning Glass Works *file*  
Corning, NY 14831

Dear Mr. Sutherland:

Thank you very much for the Fritted Glass Filter Funnels of medium and coarse pore size that you kindly sent us. After a series of experiments we carried out, we discovered that the problem we have with the Corning funnels seems not to reflect on their quality. The unsatisfactory performance of the Corning funnels which we tried at first was probably due to their being damaged when issued to us by the Penn State stockroom. However, the main problem with Corning filter funnels for palynological purposes is their pore-size ranges. We mostly need filters having a pore size in the approximate 15 - 40 $\mu$ m range. As far as we can figure out, the filter funnels in our pore size range available from Corning and Schott are as follows:

<u>Corning</u>		<u>Schott (Germany)</u>	
<u>Type</u>	<u>Pore size</u>	<u>Type</u>	<u>Pore size</u>
C	40 - 60 $\mu$ m	2	40 - 100 $\mu$ m
M	10 - 15 $\mu$ m	3	16 - 40 $\mu$ m
		4	10 - 15 $\mu$ m

Of these, the Schott #3, 16-40 $\mu$ m, is by far the most satisfactory. Unfortunately, unless there is something escaping us, Corning does not have a product comparable to Schott's #3. If this is wrong, we would really like to know about it before we get ~~any~~ this information into print.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et  
cc: V..S. Ediger

December 17, 1969

Prof. Dr. José Marques Correia Neves  
Estudos Gerais Universitarios de Mocambique  
Laboratório de Mineralogia e Geologia  
C.P. 257  
Lourenco Marques  
Mocambique

Dear Sir:

Your letter to the College of Earth and Mineral Sciences Experiment Station here has been referred to me because you requested a reprint of a paper by me and one of my students, namely--"Palynological and Petrological Characteristics of the Lignites of Texas". The paper in question was presented orally before the Geological of Society America in 1967 in New Orleans, and the best I can do is to provide a photocopy of the abstract, <sup>which</sup> ~~which~~ is enclosed. The monograph on this subject ~~which~~ will be by Mr. Nichols and should be published sometime during the next couple of years, but at present I don't know exactly when or where.

Thank you for your interest in our work.

Yours very truly,

Alfred Traverse  
Associate Professor of Geology  
and Biology

AT:kc

Enclosure: photocopy of abstract



Lourenço Marques, 30th. October 1969.

ESTUDOS GERAIS UNIVERSITARIOS  
DE  
MOÇAMBIQUE

LABORATÓRIO DE MINERALOGIA  
E GEOLOGIA

C. P. 257

LOURENÇO MARQUES

MOÇAMBIQUE

The Pennsylvania State Univer-  
sity - College of Earth and  
Mineral Sciences Experiment  
Station.

University Park.

Pennsylvania 16802

PENNSYLVANIA - E. U. A.

Of.º 323.....

Proc. CNT/69.....

DL/MF

Dear Sirs,

We have received your E. & MS. Experiment Station Circular nº 77, and, from the titles listed in it, we selected those which are in the enclosed list that we should like very much to receive gratis from you, to our library, in exchange with our "Revista de Ciências Geológicas" that you receive from us.

With many thanks,

Yours faithfully

The Director

*Prof. Dr. José Marques Correia Neves*  
(Prof. Dr. José Marques Correia Neves)

*file* ↗

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41(2):22-26 - Classification of Geologic Data.  
5pp. (Two issues)  
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HSU ( L. C. ) - Melting of Fayalite up to 40 Kilobars.  
J. Geophys. Res. 72:4235-4244 (1967)

RACE ( W. H. ) - (Alaska Div. Mines). A. W. Rose. - Geochemical  
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Alaska.  
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ROSE ( A. W. ) - Stream Sediment Anomalies below a Copper Prospect.  
Alaska Div. of Mines and Minerals, Ann. Rept for  
1966 pp. 47-51 (1967)

ROSE ( A. W. ) - D. H. Richter (Alaska Div. Mines). Geology and  
Stream Sediment Geochemistry of Anton Larsen Bay  
and Vicinity, Kodiak Island, Alaska.  
Alaska Div. of Mines and Minerals, Geol Rept.  
31:10 pp. (1967)

Quantitative Mineralogical Analysis of Carbonate  
Sediments--Comparison of X-ray Diffraction and  
Electron Probe Microanalyzer Methods.  
J. Sed. Petrol. 38;232-234 (1968)

LEBLANC (G.) - Truncated Crustal Transfer Functions and Fine Crus-  
tal Structure Determination.  
Bull. Seis. Soc. Am. 57:719-734 (1967)

SCHMALZ ( R. F. ) - Formation of Red Beds in Modern and Ancient Deserts:  
Discussion.  
Bull. GSA 79-277-280 (1968)


TRAVERSE (A.) - D. J. Nichols. Palynological and Petrological  
Characteristics of the Lignites of Texas.  
Prog. of 1967 Geol. Soc. Am. Meeting, p. 224. New Orleans  
La. (Nov. 1967)

THE PENNSYLVANIA STATE UNIVERSITY

Inter-Office Correspondence

Date: August 9, 1984

To: Dr. Daniel Cosgrove, 401 Buckhout

From: Alfred Traverse, Professor of Palynology 

re: Seminar by F. Schaarschmidt

As I will be out of town much of the time between now and 4 September, I thought I'd better get the enclosed to you now.

Presumably you will get this listed in Science Seminars, if indeed an issue of that will appear in time.

I leave here on 22 August, and Schaarschmidt and I both arrive here on 1 Sept. He will be staying with us, so lodging, etc., are no problem.

encl.

/jb

8 February, 1983

Ms. Suzanne H. Costanza  
Dept. of Botany  
R-289 Morrill Hall  
505 S. Goodwin, Univ. Illinois  
Urbana, IL 61801

Dear Ms. Costanza:

Thanks for yours of 13 January and the Vogellehner copy sheets. In the meantime I've spent a week at the Senckenberg Museum, Frankfurt, Germany. Prof. Schaarschmidt and I went over your original comments and the Vogellehner publication in their library. I believe you're by and large on very solid ground. Cordaixylon is apparently the original and thus the correct spelling. Lack of type does not affect the status of the name (published pre-1958). The first selection of a type must be followed--surely somebody could do so?

Best to Deb.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

# University of Illinois at Urbana-Champaign

College of Liberal Arts and Sciences  
DEPARTMENT OF BOTANY  
505 S. Goodwin

289 Morrill Hall  
Urbana, Illinois 61801  
(217) 333-3260  
Oct. 22, 1982

Dr. Alfred Traverse  
Department of Geoscience  
Pennsylvania State University  
435 Deike Building  
University Park  
Pennsylvania 16802

Dear Dr. Traverse:

I'm finishing my doctorate with Tom Phillips, and as part of my study, I am describing a new cordatean tree from the Murphysboro Equivalent flora (Lower Desmoinesian) of Indiana. Gar Rothwell, in a letter, mentioned that you and he had discussed cordaitean nomenclature and had decided that Cordaioxylon Grand'Eury was the proper genus name for his Duquesne Coal cordaite. My plant is in the same genus.

I've rechecked my translations of Vogellehner's 1965 revision (Erlanger Geologische Abhandlungen Heft 59: 1-76 +14 Taf.) and am reading a number of his cited references. I am still unclear as to why you decided upon Cordaioxylon rather than Pennsylvanioxylon for the Duquesne Coal cordaite. Mrs. Debbie Berger (formerly Debbie Willard) has mentioned that you've been abroad several times. Have you seen the type of Cordaioxylon? Do you feel Vogellehner has oversplit the original Cordaioxylon? Perhaps something about his Pennsylvanioxylon description is faulty? Or have I missed a separate crucial reference?

I would like my use of the cordaitean genus name for these particular plants (Duquesne flora and Murphysboro flora) to be consistent with Rothwell's usage, if I can convince myself that Cordaioxylon, and not Pennsylvanioxylon, is the proper name. Please let me know your thoughts on this question; I am eager to hear your response.

Sincerely yours,

*Suzanne H. Costanza*

Suzanne H. Costanza

2 November, 1982

Ms. Suzanne H. Costanza  
Department of Botany  
University of Illinois  
289 Morrill Hall  
Urbana, IL 61801

Dear Ms. Costanza:

How nice to know that my very first paper is still remembered! I was just 23 when I wrote it as a term paper for Professor Bailey's course at Harvard, and he urged me to work it up for publication. Needless to say, after 33 years since I sent it in to AJB, during which time I have worked entirely on other things, I am not really "up" on cordaites any more. I reacted to Gar Rothwell's questions rather on the basis of his outlining of the nomenclatural problems, while he was here in August-- (we had a very interesting luncheon conference on the matter). I responded as a nomenclatural authority, not as a cordaites authority! From his presentation of the data (which I did not check) I made a recommendation. ~~A~~ I'm sure you know, the first decision you have to make is taxonomic, not nomenclatural--what generic concept do you want to use? Having made the taxonomic decision, you must decide what generic name has priority for that concept--if any does. It could even be that you'll want to go with a new name. However, if you are satisfied with one of the existing generic concepts, you must only decide on which legitimate name for it was first validly published. Perhaps you'd like to write again, to outline the nomenclatural problem. I feel sure I could help you decide what to do. It does sound as though you are faced first with the taxonomic decision--do you want to go with a broad generic concept or a split-up concept? If the latter, how split? (Incidentally, I believe the correct spelling is Cordaixylon--per Andrews' list. ~~It~~ isn't permissible to change generic spellings. Or am I missing something?)

It's good to hear about Debbie, though (as she knows) for scientific purposes she should be D. Willard forever! D. Berger is fine for social purposes.

Best wishes.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

Dept. of Botany  
R. 289 Morrill Hall  
505 S. Goodwin  
Univ. of Illinois  
Urbana, Ill. 61801  
Jan. 13, 1983

Dr. Alfred Traverse  
College of Earth and Mineral Sciences  
Department of Geosciences  
Deike Building  
University Park, Pa. 16802

Dear Dr. Traverse:

Thanks for your prompt response to my pre-Xmas letter. I talked today with our department's emeritus classical scholar, Dr. Donald P. Rodgers, and he was kind enough to enlighten me on certain aspects of the cordaitean nomenclature problem. Because Corda is a Czech name, its transformation into a Latin epithet is ambiguous, but the original Cordaixylon is as good a transform as the others Dr. Rodgers mentioned, and as the first, it should be used, and not Cordaioxylon.

There remains the problem of whether I want to declare Cordaixylon to be a nomen dubium. Dr. Rodgers says this is possible if there is no type (as is true of Cordaixylon), if illustrations do not suffice, and if one feels the name is overused to the point of vagueness. Declaration of a name as a nomen dubium does not prohibit future return to the name, and apparently is an unofficial move. Cordaioxylon/Cordaixylon has been used for many manoxylic wood and stem fragments from diverse localities and stratigraphic settings, and personally I have no "feel" for the diversity it encompasses. I do understand the plants of Pennsylvanioxylon fairly well, although I am modifying their defining characters from Vogellehner's original work (I've included photocopies of this paper in part, and I draw your attention to the introduction and to pages 50-58, especially 56-57). Dr. Rodgers cautions me that use of nomen nudum draws attention to absence of type, and that someone without understanding may jump in and make a designation that is unrepresentative, doing more harm than good. The proper type should be selected from the original collection of Grand'Eury if possible, rather than use one of our North American specimens, and so awaits some lucky trip to France.

It may be that sometime in the future, the original Grand'Croix material will be found to be of the same taxon of what Dr. Rothwell is calling Cordaixylon and what I may call Pennsylvanioxylon. In that case, Cordaixylon is indeed the proper name. That's why I wondered if you had seen the European material and had thoughts on its affinities. I must say that I don't worry over the name, and if I can convince myself to be a lumpner, I will use Cordaixylon also.

Debbie sends her greetings and says that yes, she will use her maiden name on publications; she feels good about her work and finds Dr. Peppers at I.S.G.S. very helpful.

Thank you again,

*Suzanne H. Costanza*  
Suzanne H. Costanza



*Northern Arizona University* · FLAGSTAFF, ARIZONA

DEPARTMENT OF GEOLOGY

March 25, 1969

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

Dear Dr. Traverse:

I should like to thank you for your efforts on behalf of Doug Nichols and his candidacy for the opening in the fall in the Department of Geology.

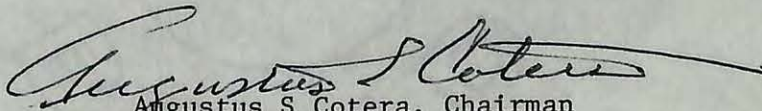
We were fortunate and yet in the difficult position of having five well qualified candidates of whom Mr. Nichols was one of the top. After considerable debate and discussion, we have arrived at a consensus of opinion and have filled the position as of last Friday.

I hope you will convey to Mr. Nichols that despite the geographic distance involved, his candidacy was given equal consideration with those of the other applicants.

Because of the rapidly expanding nature of the department, we will be continually adding people every year, and I hope that you would continue to keep us in mind with regard to well qualified candidates.

In the event that we should have to testify with regard to the land suits in western Pennsylvania, I shall look forward to meeting you personally.

Yours very truly,

  
Augustus S. Cotera, Chairman  
Department of Geology

crb

**ROB AND BESSIE WELDER WILDLIFE FOUNDATION**  
WILDLIFE RESEARCH AND EDUCATION  
POST OFFICE BOX 1396  
SINTON, TEXAS

TRUSTEES

JOHN J. WELDER  
PATRICK H. WELDER  
M. HARVEY WEIL

CLARENCE COTTAM  
DIRECTOR

W. C. GLAZENER  
ASST. DIRECTOR

May 2, 1960

Dr. Alfred Traverse  
P. O. Box 481  
Houston 1, Texas

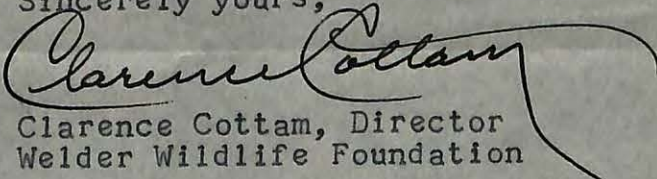
Dear Dr. Traverse:

We are deeply indebted to you for your very kind letter of April 27 and your statement that under separate cover you are sending 59 specimens of mounted and determined plants which are duplicates of the collections you made here a year ago. We deeply appreciate this. The material has not yet arrived, but I am sure it will within the next day or two.

Most assuredly we would be glad to have you return whenever it is convenient and continue your studies in this area. We shall be glad to cooperate to the best of our ability.

Thanks again for your very great kindness. With kind personal regards, I am

Sincerely yours,

  
Clarence Cottam, Director  
Welder Wildlife Foundation

CC:rt

**ROB AND BESSIE WELDER WILDLIFE FOUNDATION**

WILDLIFE RESEARCH AND EDUCATION

POST OFFICE BOX 1396

SINTON, TEXAS

TRUSTEES

JOHN J. WELDER  
PATRICK H. WELDER  
M. HARVEY WEIL

CLARENCE COTTAM  
DIRECTOR

CALEB GLAZENER  
ASST. DIRECTOR

May 22, 1959

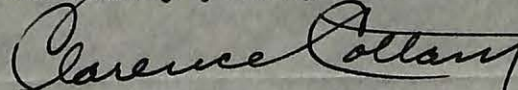
Dr. Alfred Traverse  
P. O. Box 481  
Houston 1, Texas

Dear Dr. Traverse:

I appreciate your kind note of May 18. You are most generous. Please be assured that we were glad to have you here with us and we want you to know that our facilities are going to be available whenever they are not otherwise obligated. Let us know somewhat in advance and we shall see that a room is reserved for you whenever you find it appropriate to return and carry on your botanical studies. Yours is the type of work that we want to support, and we want to cooperate wholeheartedly with you.

It is always a great pleasure to see you. Thanks again for your kind note.

Cordially yours,



Clarence Cottam, Director  
Welder Wildlife Foundation

CC:rt

May 18, 1959

Dr. Clarence Cottam, Director  
Welder Wildlife Foundation  
Sinton, Texas

Dear Dr. Cottam:

I very much appreciated being able to quarter at the W.W.F. during our collecting work in the Coastal Bend vicinity. Of course, I really have only got my teeth into the problem as a whole and will want to return again and again. The facilities in the zoological preparation room are ideal for our plant drying operations, in fact quite superior to those we have here, for the reason that your air-conditioning system is doing a better job of humidity control than the one in the building where we do our drying here.

It is probably superfluous at this point to repeat what a wonderful place, in so many different ways, I think W.W.F. is. You know what a high opinion I have of its potential.

I should also like to express my gratitude for the help given me by Miss Tidwell and Mr. Glazener. They were most helpful.

Very best wishes.

Very truly yours,



Alfred Traverse

AT:pjd

Shell Development Company  
Exploration and Production Research Division

ROB AND BESSIE WELDER WILDLIFE FOUNDATION

WILDLIFE RESEARCH AND EDUCATION

POST OFFICE BOX 1396

SINTON, TEXAS

TRUSTEES

JOHN J. WELDER  
PATRICK H. WELDER  
M. HARVEY WEIL

CLARENCE COTTAM

DIRECTOR

CALEB GLAZENER

ASST. DIRECTOR

March 26, 1959

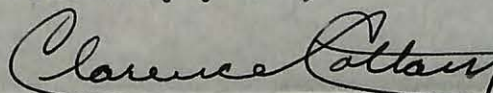
Dr. Alfred Traverse  
Shell Development Company  
P. O. Box 481  
Houston 1, Texas

Dear Dr. Traverse:

I am glad to see your letter to Claude Lord. It seems to me it is entirely appropriate, and I shall be greatly surprised and disappointed if he doesn't respond in a similar vein and invite you to come and do whatever work you feel is appropriate. If they don't want any copies of the plants you collect for their herbarium, we will be glad to have anything sent here that they might have that is different from that which occurs on our refuge.

We shall be looking forward to your visit here.  
With kindest regards and all good wishes, I am

Sincerely yours,



Clarence Cottam, Director  
Welder Wildlife Foundation

CC:rt

**ROB AND BESSIE WELDER WILDLIFE FOUNDATION**  
WILDLIFE RESEARCH AND EDUCATION  
POST OFFICE BOX 1396  
SINTON, TEXAS

TRUSTEES

JOHN J. WELDER  
PATRICK H. WELDER  
M. HARVEY WEIL

CLARENCE COTTAM  
DIRECTOR

CALEB GLAZENER  
ASST. DIRECTOR

February 5, 1959


Dr. Alfred Traverse  
P. O. Box 481  
Houston 1, Texas

Dear Dr. Traverse:

I am glad to have your letter of the 26th and know that some time the latter part of April, the first week of May, again the latter part of September, and the first week of October, you and your assistant may be able to spend some time studying the botany of this area. We shall be delighted to have you come and shall make every effort to see that there is at least one comfortable room for you. If we are a bit crowded, there will be plenty of beds, and there will be ample places elsewhere to have your dryer in operation so that it will not have to be in the same room where you are sleeping. If we are not crowded we will see that ample space is available. We shall be looking forward to your visit.

With kindest regards and all good wishes, and a sincere hope that the ground isn't too wet when you are here. If I didn't point out, I would say that you can travel any place over this area when it is dry and almost no place in safety when it is wet. There seems to be no bottom to this soil when it gets saturated.

Sincerely yours,

  
Clarence Cottam, Director  
Welder Wildlife Foundation

CC:rt

January 26, 1959

Dr. Clarence Cottam, Director  
Welder Wildlife Foundation  
Sinton, Texas


Dear Dr. Cottam:

Your very generous hospitality was greatly appreciated. It was especially good of you to take the time to show me around so thoroughly. I am already looking forward to our collecting trips during the year, when we shall most certainly avail ourselves of the opportunity you have offered, to quarter at the W. W. F.

I shall let you know the exact date of arrival later, but tentatively, and fairly accurately, we'll be with you the last week of April and the first week of May, or at least most of that time. Also, the last week of September and the first week of October, or at least ten of those fourteen days. My assistant has been delighted to hear about this development, because our motel operations are sometimes not very satisfactory. A set of twin beds in the middle of the floor get frightfully in the way of our drying frames and piles of plants!

Thanks again for your hospitality.

Very truly yours,

  
Alfred Traverse

AT:pjd

Shell Development Company  
Exploration and Production Research Division

ROB AND BESSIE WELDER WILDLIFE FOUNDATION

WILDLIFE RESEARCH AND EDUCATION

POST OFFICE BOX 1396

SINTON, TEXAS

TRUSTEES  
JOHN J. WELDER  
PATRICK H. WELDER  
M. HARVEY WEIL

CLARENCE COTTAM  
DIRECTOR  
CALEB GLAZENER  
ASST. DIRECTOR

January 9, 1959

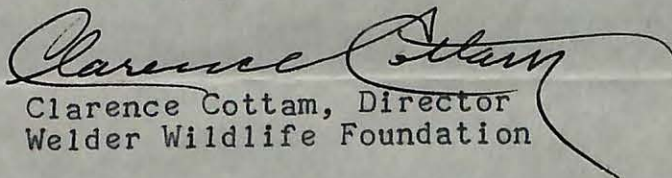
Mr. Alfred Traverse  
Shell Development Company  
Exploration and Production Research Division  
P. O. Box 481  
Houston 1, Texas

Dear Mr. Traverse:

We should be glad to meet you on Tuesday, January 20th, as far as I can see now. Because we are still working behind padlocked gates, may I suggest that when you arrive in Sinton, or if you should be driving south from Houston, you might call me when you reach Refugio or Woodsboro so that we can meet you at the gate and let you in. In fact, we are behind two sets of padlocked gates, as we have to go through one pasture that does not belong to us. Ultimately, we will have our own entrance.

We shall be looking forward to meeting with you.

Sincerely yours,

  
Clarence Cottam, Director  
Welder Wildlife Foundation

CC:rt

January 6, 1959

Dr. Clarence Cottam, Director  
Welder Wildlife Foundation  
Post Office Box 1396  
Sinton, Texas


Dear Dr. Cottam:

Thank you for your nice letter of December 22.  
It was here this morning when I returned to the office  
after an absence of several weeks.

I appreciate your willingness to compare notes,  
and I'll look forward to seeing you in two weeks. I'll  
come to Sinton to see you on the morning of Tuesday,  
January 20. I'll plan to have the entire day free so  
that I can fit into whatever plans you may have.

Looking forward to meeting you, I am,

Very truly yours,

  
Alfred Traverse

AT:mpd

Shell Development Company  
Exploration and Production Research Division

ROB AND BESSIE WELDER WILDLIFE FOUNDATION  
WILDLIFE RESEARCH AND EDUCATION  
POST OFFICE BOX 1396  
SINTON, TEXAS

17. Home, N.  
of Sinton  
on Hwy 77

TRUSTEES  
JOHN J. WELDER  
PATRICK H. WELDER  
M. HARVEY WEIL

CLARENCE COTTAM  
DIRECTOR  
CALEB GLAZENER  
ASST. DIRECTOR

December 22, 1958

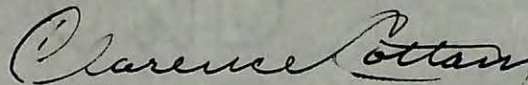
Mr. Alfred Traverse  
Shell Development Company  
Exploration and Production Research Division  
P. O. Box 481  
Houston 1, Texas

Dear Mr. Traverse:

We are glad to have your letter of December 19, and know of your desire to meet us and perhaps visit the Refuge. We shall be glad to see you whenever it is mutually convenient. I note your suggestion of the week of January 19th. May I urge that you make it early in the week as I am scheduled to leave the later part of the week for Tulsa, Oklahoma.

We shall be looking forward to your visit.

Sincerely yours,



Clarence Cottam, Director  
Welder Wildlife Foundation

CC:rt

December 19, 1958

Welder Wildlife Foundation  
Sinton  
Texas

Attention Dr. Clarence Cottam

Gentlemen:

Dr. Lloyd H. Shinnars of S. M. U., who has been helping me with determinations of plant materials I collect in my field work along the Gulf Coast, has suggested the desirability of my meeting you during one of my trips down your way, and I should very much like to do so. I should like to get better acquainted with the Foundation work.

As a tentative suggestion, would you be able to meet with me in Sinton sometime toward the end of the week of January 19, 1959? When I heard whether you will be available at that time, we can adjust the exact day.

Very truly yours,

Alfred Traverse

AT:pjd

Shell Development Company  
Exploration and Production Research Division

# BUCKNELL

Department of  
Geology and Geography

Bucknell University  
Lewisburg, Pennsylvania 17837  
Phone (717) 524-1147

April 2, 1982

Dear Al:

As I thought might be the case, I have a photocopy of one part of that 1970 Guidebook by the Appalachian Geological Society (Roanoke). It is the article:

Dennison, J.M., 1970, Silurian stratigraphy and sedimentary tectonics of southern ~~West~~ West Virginia and adjacent Virginia: p. 2-33.

I requested this article through Interlibrary Loan some years ago. It is a rather general treatment of the entire Silurian, but it does have some interesting maps (lithofacies and isopach) for several series in a part of the country for which not much is published.

Borrow mine if you don't want to order ~~the~~ the complete volume.

Your registration arrived (with Norma's) Total now up to 49 with several days to go. See you Saturday, May 8.

Ed Cotter

2 March, 1982

Dr. Edward Cotter  
Department of Geology & Geography  
Bucknell University  
Lewisburg, PA 17837

Dear Ed:

Many thanks for yours of 17 February. Norma Johnson and I have since I last wrote studied and photographed some of our goodies--very exciting to find such nicely preserved things in a sediment so old.

"Acritarch" is a grabbag designation. Tappan may (I don't recall) use the term in a restricted sense, but I have, for example, described all sorts of fresh-water acritarchs in the fresh-water part of the Neogene of the Black Sea. However, the spiny acritarchs of Paleozoic rocks are, as far as I know, strictly marine. It is just these that are quite rare in our Tuscarora samples to date. I would call many of our "monads" (short spines, granular, smooth) probable "acritarchs" in the broad way I use the term. That does not make them marine indicators. Brackish is certainly a strong possibility.

Yes, I would think an eventual joint publication, say on the Mill Hall section, is a distinct possibility for the future. Too soon to say much more at this point.

I am reading your MS.\* Nice piece of work, and I am still digesting. Thanks very much for letting me have it! Any chance of copies of the figures I didn't get? 4-6, 8-9? I do look forward to meeting you with anticipation--like you, I seem to be very busy. In May, at least, it will happen!

All the best.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et  
cc: Norma Johnson  
encl: xerox plate from NJ term paper

\*P.S. On p. 6 there is a boo-boo. No pollen before latest Devonian. Only a few spores pre-Wenlockian. Cramer probably was reporting acritarchs and spore-like monads?

9 February, 1982

Dr. Edward Cotter  
Bucknell University  
Dept. of Geology & Geography  
Lewisburg, PA 17837

Dear Ed:

Just a progress report. Norma Johnson and I have processed the 16 samples we collected at Mill Hall (spanning more or less the whole outcrop). All of the samples are (whoopie!) productive--some more productive than any Lower Silurian samples I have ever seen! Many new forms! For whatever interest it has to you--the few slides I've studied so far show very little evidence of obvious "Eu-marine" influence. It looks like deltaic stuff to me--no acritarchs with processes seen, thousands of plant tissue fragments, spores, "spores", etc. present.

Best wishes.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et  
cc: Paul Strother

8 January, 1982

Dr. Edward Cotter  
Department of Geology & Geoggraphy  
Bucknell University  
Lewisburg, PA 17837

Dear Ed:

Well, in the mail I opened after phoning you was the enclosed.  
So, I guess I'm "eligible" for the Tuscarora trip in May!

"Pd. through 1971" indicates either a mistake, or a very long  
memory! Trouble is, I can't find in the Newsletter an indication  
of how much to pay! Will write Sevon.

Best wishes. Regards to Professor Hoffman when you see him.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et  
encl

4 November, 1980

Dr. Edward Cotter  
Department of Geology & Geography  
Bucknell University  
Lewisburg, PA 17837

Dear Ed:

It is embarrassing to me that you had to contact me! I have had a note pinned to my desk side wall telling me to contact Ed Cotter for months. I would like to get in the field with you, as I definitely want to continue my work on the Tuscarora and other Silurian and Ordovician rocks around here. Of course, I just want to meet you too!

Re the paper---I enclose a copy. (There have been a couple of more recent abstracts by us.) Re our getting together---I guess I'd better leave my note posted! Reason is that I am going to Switzerland for a sabbatical about the time you get this letter and won't be back until about 15 May, 1981. So, I guess it'll be Summer, 1981? Let's do plan on it. (By the way, Palynology is in the PSU library---our librarian says there may be a cataloguing problem.)

Best wishes.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

P.S. Jane Gray, one of Paul and my "competitors" in Siluro-Ordovician work, has an abstract in the current GSA Abstracts vol. which you should read. Leonard Eames of Amoco gave a paper on stuff very similar to ours at the recent palynological meetings (xerox enclosed).

My address in Switzerland: c/o Dr. K.J. Hsu, Geologisches Institut,  
E.T.H., Sonneggstrasse 5  
CH-8092 Zürich, Switzerland

Ancl: abstract & reprint

BUCKNELL UNIVERSITY Lewisburg, Pennsylvania

DEPARTMENT OF  
GEOLOGY AND GEOGRAPHY

October 31, 1980

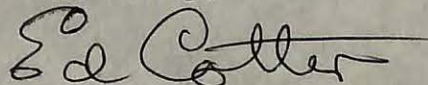
Dr. Alfred Traverse  
Department of Geosciences  
Pennsylvania State University  
University Park, PA 16802

Dear Dr. Traverse:

The most recent issue of Pennsylvania Geology reported that you and P.K. Strother have coauthored an article on "Plant microfossils from Llandoveryan and Wenlockian rocks of Pennsylvania". I sought help in finding this article from our library, only to find that there is not a single library in Pennsylvania that receives the journal. In our librarian's opinion, obtaining a copy through interlibrary loan would be complex, slow, and costly. Therefore, I am asking you to forward a reprint or a photocopy of that article; if there are costs of copying, please inform me.

My interest in this work arises largely because I have been studying the Tuscarora Formation in Pennsylvania, and I think I have recognized a more complex depositional pattern than previously reported. A very frustrating part of dealing with this unit is the lack of recognizable organic remains that might serve as facies indicators or as more detailed correlation and age-diagnostic tools. I am aware of the importance that Lower Silurian strata have for students of plants, and actually directed Paul Strother to certain Tuscarora outcrops a couple of years back. If, after reading your paper, and any other pertinent works you can alert me to, I think there might be some relationship between our work I will let you know. Even if not, I am most interested in these titles and should be educated by them. If you wish to learn more about my work on the Tuscarora, perhaps I can give you the main story at some point.

Sincerely,



Edward Cotter

EC/jm

ZIP CODE 17837 / TELEPHONE 717-524-1147

DANA M. COTTON

LONGFELLOW HALL - APPIAN WAY  
HARVARD UNIVERSITY  
CAMBRIDGE, MASSACHUSETTS 02138

April 11, 1966

Dr. Alfred Traverse  
5508 Coventry Lane  
Austin, Texas 78723

Dear Alfred:

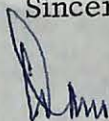
I have just read with great interest your thoughtful letter of April 2 and I am very pleased that you felt free to take me into your confidence regarding your long range professional plans.

This is a hurried reply as I am going back to work with Dean Glimp and my associates who are members of the Harvard College admissions committee as we are involved in making decisions as to who will be the class of 1970. I shall always remember the meaningful help you gave us.

I will discuss your letter and plans for the future with my assistant, Miss McElroy, and promise you that we will do our very best to be of real help.

Hoping you and your family had a joyous Easter.

Sincerely yours,



Dana M. Cotton

DMC:mw

July 11, 1972

Mr. Dana M. Cotton  
c/o School of Education  
Harvard University  
Cambridge, Mass. 02135

Dear Dana:

While at Harvard recently for my twenty-fifth reunion celebration, I happened to pick up a copy of the Grimson and noted the article about your "retirement". Well, I wanted to join the ranks of those felicitating you, and that's why the letter.

I'm still active in the schools & scholarships thing in a small way. My son, Paul, whom you met at our house in Houston when he was about seven or eight, is now a junior at Harvard.

Best of everything to you. If you ever go west by car, you'll come within ten miles of here by Interstate Highway 80- and would I love to see you!

Yours very truly,

Alfred Traverse  
Professor of Geology & Biology

AT/mjt

# THE PENNSYLVANIA STATE UNIVERSITY

HUMAN DEVELOPMENT BUILDING  
UNIVERSITY PARK, PENNSYLVANIA 16802

College of Human Development

Area Code 814

Dear Dr. and Mrs. Traverse,

Thank you for your willingness to participate in this project. You will find that most of the forms are self-explanatory. However should you have any difficulty understanding them or in filling them out, do not hesitate to call me at the Individual and Family Consultation Center, 865-1751. If I am not here, please leave a message and I will return your call.

The package is divided into two parts, one for the husband and the other for the wife. Please read the instructions carefully and complete each questionnaire before going on to the next. Also, do not compare answers with your spouse until you have finished the entire packet.

The Interpersonal Check List which contains 128 items is sometimes misunderstood. It is easiest and best to complete column 1 (me as I see myself) completely before going on to the next one, column 3 (me as I would like to be) then columns 6 and 8.

You will notice the last two questionnaires are identical to two others but we ask that you fill them out as you think the typical or average person in your neighborhood would answer them.

Please drop this packet with the completed questionnaires in the ~~Campus~~ Mail at your earliest convenience.

Thanks again for your time and effort in helping us.

*Jeanette Coufal*

Jeanette Coufal

Graduate student, Dept of Human  
Development & Family Studies  
Advising professor: Dr. Lillian Stover

*Note: Your names do not need to be put on each questionnaire just put H for husband or W for wife on each. The number on the envelope is only to know which couples have returned their packets.*

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

*file  
C.I.E.S.*

21 August, 1990

Ms. Katie Tremper  
Council for International Exchange of Scholars  
3400 International Drive, NW  
Suite M-500  
Washington, DC 20008-3097

Dear Friend:

Just when I thought my "dossier" with you all was complete, I received the enclosed faxed invitation from Prof. Dr. Willi Ziegler, Director of the Senckenberg Museum. It should be added to my file.

Under the circumstances I guess I won't bother my friends in Frankfurt for another invitation. It is clear that I will be an official visitor.

Thanks again.

Yours very truly,

Alfred Traverse

AT/et

encl: invitation from Prof. Dr. Willi Ziegler

file  
e.l.e.s

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

17 August, 1990

Ms. Katie Tremper  
Council for International Exchange of Scholars  
3400 International Drive, N.W.  
Suite M-500  
Washington, DC 20008-3097

Dear Friend:

Enclosed is the official "invitation" from the Senckenberg Museum for Jan.-June, 1992. It is a fax, indeed sent from Frankfurt only a couple of hours ago as I write. This should basically complete my dossier.

I will write to the people at the Senckenberg requesting an invitation in more complete form and bearing also the imprimatur of the Director, Prof. Dr. Willi Ziegler, who is also a good friend. When that comes, I'll send it along, but the enclosed really is probably enough.

Re the recommendations, Dr. Chaloner in England faxed me that he sent his in. Drs. Ash and Dilcher from Utah and Florida, respectively, sent me their blue cards. Dr. Habib in NYC says he sent his in earlier this week, though I never got a blue card. Could you let me know if all four are not now in your hands?

Thanks for your patience.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et  
encl: Senckenberg invitation

file  
C.I.E.S.

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

1 August, 1990

Dr. Daniel Habib  
Earth & Environmental Sciences  
Queens College, CUNY  
65-30 Kissena Blvd.  
Flushing, NY 11367-0904

Dear Dan:

Presumably I'll have heard from you about my wild scheme to visit you by the time this reaches you.

I just got the notion that I should apply for a Fulbright to visit Germany in early 1992. My proposal was pounded out in about an hour--I could flesh it out much better if I had more time, of course. (A secondary reason for the proposal is that Betty could profit in her Ph.D. work in German literature!--she just completed her M.A.).

I'm already over the deadline, so could you (as generously as possible!) send in the enclosed recommendation for me? Stamped, addressed envelope enclosed. Thanks!.

See you soon (?).

Yours very truly,

Alfred Traverse

AT/et

- encl: 1) form to send to CIES  
2) stamped envelope for #1  
3) postcard to be returned to me  
4) copy of proposal

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

file  
C.I.E.S

1 August, 1990

Dr. David L. Dilcher  
Florida Museum of Natural History  
University of Florida  
Gainesville, FL 32611-2035

Dear Dave:

Assuming you will be in Richmond, I am sending this via Carmen Moy, with the hope that you might find a few minutes to fill it out and send it on to CIES.

I just got the notion that I should apply for a Fulbright to visit Germany in early 1992. My proposal was pounded out in about an hour--I could flesh it out much better if I had more time, of course. (A secondary reason for the proposal is that Betty could profit in her Ph.D. work in German literature! She just finished her M.A.)

I'm already over the deadline, so would appreciate it if you could you act as expeditiously as possible. A stamped envelope is enclosed for the completed form. Then sign and return the enclosed blue card to me.

Martin Farley told me yesterday about your enormous moving activity. Gives me goose-bumps!

Thanks very much for helping me out with this Deutschland caper.

Yours very truly,

Alfred Traverse

AT/et

encl: 1) form to send to CIES  
2) stamped envelope for #1  
3) postcard to be returned to me  
4) copy of proposal

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

file  
C.I.E.S

1 August, 1990

Dr. Sidney Ash  
Dept. of Geology  
Weber State College  
Ogden, UT 84408

Dear Sid:

Assuming you will be in Richmond, I am sending this via Carmen Moy, with the hope that you might find a few minutes to fill it out and send it on to CIES.

I just got the notion that I should apply for a Fulbright to visit Germany in early 1992. My proposal was pounded out in about an hour--I could flesh it out much better if I had more time, of course. (A secondary reason for the proposal is that Betty could profit in her Ph.D. work in German literature! She just finished her M.A.)

I'm already over the deadline, so would appreciate it if you could you act as expeditiously as possible. A stamped envelope is enclosed for the completed form. Then sign and return the enclosed blue card to me.

Thanks very much for your help!

Yours very truly,

Alfred Traverse

P.S. Hells Canyon slides + 2 from Kinney Clay Pit are on the scope-table awaiting study in next few days.

AT/et

- encl: 1) form to send to CIES  
2) stamped envelope for #1  
3) postcard to be returned to me  
4) copy of proposal

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

file  
C.I.E.S

1 August, 1990

Dr. W. G. Chaloner  
School of Life Sciences  
Dept. of Biology  
Royal Holloway & Bedford New College      faxed to: 0784-437520  
Egham Hill, Egham, Surrey TW20 0EX, U.K.

Dear Bill:

It was such a pleasure to spend a few hours with you recently, even though I had to share you with Whipple's Dam.

I just got the notion that I should apply for a Fulbright to visit Germany in early 1992. My proposal was pounded out in about an hour--I could flesh it out much better if I had more time, of course. (A secondary reason for the proposal is that Betty could profit in her Ph.D. work in German literature!)

I'm already over the deadline, so could you (as generously as possible!) send in the enclosed recommendation for me?\*\*\*.

I look forward to the invite to the UK meeting you talked about. Thanks for your help (I hope) with this Deutschland caper.

Best, as always.

Yours very truly,

Alfred Traverse

**\*\*Important!** CIES will not accept the faxed Reference Report form (they say the image fades). Therefore, please xerox the faxed form, then use the photocopied version. Send it to CIES by regular airmail, not fax. Even though the deadline is today, they would apparently rather have a non-faxed version late than a faxed version more or less on time.

AT/et

encl: 1)Reference Report form; 2)copy of proposal

August 5, 1958

Dr. R. A. Couper, Paleobotanist  
Geological Survey Office  
Department of Scientific and Industrial Research  
93 Boulcott Street  
Wellington C. 1, New Zealand

Dear Ashley:

Got a copy of the paper, "British Mesozoic Microspores and Pollen Grains, etc." I know how expensive those things are, and I greatly appreciate your generosity in sending one to me. I know that it will be very handy to have it around.

Your productivity amazes me. You really put all the rest of us loafers to shame. I only find some solace in the fact that I spent four of my post-doctoral years doing coal petrography.

I am getting ready for the annual meeting of the Paleobotanical Section of the Botanical Society of America, of which I am secretary, and hence responsible for all details. As a result of this preoccupation I am unable to read your monograph at the moment and will defer comment until some future time. It certainly looks a flossy job.

Surely wish we could get together one of these years. Are you going to make the International Botanical Congress in Montreal? If so, that could provide an opportunity, couldn't it?

Yours,



Alfred Traverse

AT:pjd

Shell Development Company  
Exploration and Production Research Division

November 27, 1956

Dr. R. A. Couper  
Paleobotanist  
New Zealand Geological Survey  
156 The Terrace  
P. O. Box 8002  
Wellington C. 1  
New Zealand

Dear Ashley:


Thanks for your letter and especially for the direction to Dr. Duigan. I am getting desperate for the information, as I have all the dope on the other candidates and must get out the ballot soon.

Congratulations on your degree and on certain other improvements in your person that were apparently effected by the salubrious British climate.

We were indeed sorry that you couldn't visit us on your way home, and I entertain the hope that you will try to pass this way on your next trip to Europe.

I shall be looking forward to getting a copy of your monograph in Palaeontographica and in the meantime will write to Norman Hughes for a copy of your deal on T. troedsoni Erdtman.

Yours very truly,

  
Alfred Traverse

AT:rlg

Shell Development Company  
Exploration and Production Research Division

NEW ZEALAND GEOLOGICAL SURVEY

156 The Terrace,  
P.O.Box 8002,  
WELLINGTON C.1.  
NEW ZEALAND.

Dr Alfred Traverse,  
The Shell Development Co.,  
3737 Bellaine Boulevard,  
HOUSTON 25, TEXAS. U.S.A.

Dear Al,

Thanks for your note about Dr Cookson. I am not in a position to help you in supplying the details you require, but I am certain Dr Suzanne Duigan, Dept., of Botany, University of Melbourne, Carlton, N.3, Victoria, Australia will readily supply the information you need. She has been associated with Dr Cookson for a number of years.

I have just received official notification that the Board of Research Studies at Cambridge have approved me for the degree of Doctor of Philosophy. Quite a satisfactory end to my two years in England. I am publishing practically the whole of my thesis in Palaeontographica and it should be out (according to Professor Weyland) by the middle of next year. By the way, Al, if you have not already received a copy of my paper on Erdtman's Tricolpites troedssonii (in the New Phytologist, vol. 55) could you ask Norman Hughes at the Sedgwick Museum for a copy. They are holding most of the reprints of the papers I wrote in England.

My wife and I had a very interesting and enjoyable voyage home through South Africa and Australia. Not quite so exciting perhaps as a visit to your country but I hope we will manage that one of these days. I must admit N.Z. seems a little small and unexciting after Europe but I guess we will settle down. We are expecting a child (our first, after 9 years married) in May so we will have to settle down now for a year or two.

My best wishes to you and your family and I hope you are getting used to Houston.

*Ashley*

R.A. Couper.  
Palaeobotanist.

November 13, 1956

Dr. R. A. Couper  
Geological Survey Office  
Department of Scientific and Industrial Research  
93 Boulcott Street  
Wellington C. 1, New Zealand

Dear Ashley:

Some time ago I intended to request a favor of you, but on looking through my files I am unable to find evidence that I did. As the matter is becoming urgent, I thought it best to write you another letter.

As secretary of the Paleobotanical Section, Bot. Soc., Amer., I am responsible for making up the ballot for corresponding members. One of those selected for inclusion on the current ballot was Isabel Cookson. In preparing the ballot I must have a short biography and bibliography for Miss Cookson. I do not like to approach her directly for this information, as it would be embarrassing if she were not elected, and I wondered if you could either supply the necessary information, tell me whom to approach who could supply it, or perhaps get the information for me from somebody you know.

It might interest you that the other candidates are Erdtman, Faegri, and Potonie. We shall select at least one of these for the honor of corresponding membership.

I would appreciate as prompt a response as possible.

It would also be interesting to hear from you how you are getting along.

Yours very truly,

Alfred Traverse

AT:rlg

Shell Development Company  
Exploration and Production Research Division

September 26, 1956

Dr. R. A. Couper, Paleobotanist  
Geological Survey Office  
Department of Scientific and Industrial Research  
93 Boulcott St.  
Wellington C. 1, New Zealand

Dear Ashley:

In connection with my duties as secretary of the Paleobotanical Section of the Botanical Society of America, I must get out a ballot for selection of paleobotanical corresponding members in the B. S. A. One of the people proposed in the first ballot was Isabel Cookson. I need a brief bibliography of her principal papers and a very brief biography, for use in the prospectus that will accompany the ballot. Other than Miss Cookson herself I can think of nobody to whom to turn other than yourself. Could you, possibly with Harris' help, provide such a sketch? If you are able to do so, I should appreciate getting it as soon as possible.

You are presumably back home and going strong. I hope that all went well in your completion of the work at Cambridge and that you had a pleasant voyage home. We were sorry that you could not come here on your way.

Very truly yours,

  
Alfred Traverse

AT:bsm

Shell Development Company  
Exploration and Production Research Division

May 31, 1956

Mr. R. A. Couper  
Sedgwick Museum  
Cambridge University  
Cambridge, England

Dear Mr. Couper:

Dr. Alfred Traverse, our Palynologist, has indicated that you will be coming to the United States near the end of September or the beginning of October, and has expressed his interest in talking with you. Since we believe such discussions would be mutually beneficial, we should like to invite you to visit our laboratory in Houston to spend two or three days with Dr. Traverse.

We shall be glad to reimburse you for your transportation from New York to Houston and for your living expenses while enroute and during your stay in Houston.

We should appreciate your advising us as to your interest in such a visit and as to the time that might be most convenient for you.

Very truly yours,

HOYES D. SMITH, JR.

Hoyes D. Smith, Jr.  
Vice President

GR:hmp

cc. Dr. Traverse  
Dr. Rittenhouse  
D file

June 13, 1956

Mr. Ashley Couper  
Sedgwick Museum  
Cambridge, England


Dear Ashley:

Your prompt acknowledgement of the invitation was much appreciated, though I am naturally very disappointed that you will be unable to come. I had ~~also~~ been looking forward to comparing notes with you on many subjects of mutual interest. Like you, I hope that we can get together before too many years. Perhaps there will be an international ~~51~~ pan-Pacific pollen meeting one of these days that will provide the opportunity.

Hope that your dissertation goes well. I really have no doubt that it will do. After all, who knows more about the subject in Britain than Ashley Couper?

Best wishes to you.

Very truly yours,

  
Alfred Traverse

AT:hmp

Shell Development Company  
Exploration and Production Research

Sedgwick Museum,  
Cambridge,

5th June, 1956

Dear Al,

I received a formal invitation from your company yesterday about visiting your laboratories. Actually I was just on the point of writing to tell you that, owing to personal reasons, my wife and I are returning direct to New Zealand in early September. However, I hope that in the not too distant future we will get the chance of ~~meeting~~ meeting you again. I have formally thanked your company for extending the invitation.

I am submitting my dissertation in a few weeks time so ~~so~~ I am rather busy at present. I hope I can drop you a note letting you know the result before I go home.

Many thanks Al, for your help in arranging for my possible ~~visit~~ visit. I am only sorry we could not take advantage of it.

Best wishes,

*Ashley Couper*

MAY 17, 1956

DR. G. RITTENHOUSE

A. TRAVERSE

PROPOSED VISIT OF MR. R. A. COUPER

One of the outstanding younger palynologists, the New Zealander, Mr. R. A. Couper, will be New York at the end of September or the beginning of October, and I would very much like to have him come to Houston for two or three days to consult with me. Couper has done some outstanding work in both the practical side of palynology (stratigraphy of New Zealand) and in the more fundamental aspects of the science, such as pollen morphology. I would appreciate it if an invitation could be extended to Mr. Couper to visit this laboratory from New York, at our expense.

Couper is palynologist for the New Zealand Geological Survey but is currently at Sedgwick Museum, Cambridge University, Cambridge, England, and should be addressed there.



AFT:rlw

March 9, 1956

Mr. R. A. Couper  
Sedgwick Museum  
Cambridge University  
Cambridge, England

Dear Ashby:

Thanks for yours of February 28, and for the kind comments on my Brandon deal. I was particularly distressed about the reproduction, which did not do justice to my original photographs-- to even a greater degree than is usually the case. Certain details of composition (the arrangement of the plates, for example) which I didn't like were not my doing. The Bureau of Mines editorial people are a little high-handed. But, all in all, I am glad to have the thing out, so that it is a fait accompli, for better or for worse.

I just had a very interesting letter from Professor Faegri (whom you ought to meet, if it were possible). He quotes a letter he has just had from the people working on the new Code of Botanical Nomenclature (per Paris, 1954). The quotation, in part, is: "In reply to your letter of 30 January 1956 to Prof. Lanjouw I can inform you that the date after which the designation of a type is obligatory for the valid publication of a name is indeed 1 January 1958." I thought that you would be interested in this information.

Very best wishes,

Yours,

AT  
Alfred Traverse

AT:rlw

Shell Development Company  
Exploration and Production Research Division

Sedgwick Museum,  
Cambridge,  
28th February, 1956

Dear Al,

Thank you very much for the letter and the copies of your papers. I found your Brandon Lignite paper very interesting and was very impressed. As you commented when you were over here, there are a few things which could have been done differently, but I think that is always the way when ~~something has been done differently~~ a paper has been a long time in coming out and ones ideas have changed a little. I am also glad to hear that Miss Cookson is coming around to our way of thinking at last. I will almost certainly be seeing her and probably some of the other Australian palynologists next year and will do my best to convince them all of the futility of the "sporotype - sporomorph system"

The language difficulties weren't half so bad as I expected in Krefeld. With my few words of German, their few words of English plus a little French and an awful lot of sign language and drawings on pieces of paper we got on fine. I shall almost certainly be going back there before I return home because there will be quite a number of systematic points to discuss with Potonié before I am ready for publication. He gave me free access to his manuscript on the systematics of Mesozoic and younger spore and pollen genera. I will be incorporating a lot of it in my work but there are a number of points on which I do not agree with him and which will have to be ironed out.

Regarding my possible visit to Houston. My wife and I would try and be in New York by the end of September or early in <sup>October</sup> November. I found the possibilities you outlined in your letter most reasonable. The question of getting from the States to New Zealand is, however, a tough one. Ships only leave very infrequently and depart either from San Francisco or from Panama, both of which are a long way from Houston! Also they are pretty heavily booked but we are working on that angle now and I think we have a fair chance of getting on one. The lack of finance (particularly dollars) is a bit of a problem too, but no doubt we will manage. I realize of course that any assistance from your company will be for me alone and therefore I will have to find the necessary cash for my wife's expenses in the States. As I think I told you, I propose to try and get some assistance from the New Zealand Government once (and if) I get some sort of official offer from your company.

Well, Al, I guess I had better sign off for now. I will be looking forward to hearing from you again fairly soon. By the way I have typed this letter myself (I don't suppose I have to tell you that) so please don't criticise the Sedgwick Museum typistes!

Best wishes

Ashley Cooper

February 3, 1956

Mr. R. A. Couper  
Sedgwick Museum  
Cambridge University  
Cambridge, England

Dear Ashley:

Under separate cover I am sending you a copy of my report on your (and other) work, which I gave at the East Lansing meetings, September, 1955. (Paleobotanical Section of the Botanical Society of America, meeting under auspices of American Institute of Biological Sciences.); I don't think I have previously sent you a copy of this. You will recognize that my understanding of the complex subject of typification has progressed somewhat since this report was written. I still feel that designation of type specimens is proper procedure, though not specifically required by the letter of the law.

The exact reference on the patent statement of W. S. Hoffmeister which you, Norman Hughes and I discussed last month, is "Microfossil Prospecting for Petroleum", Patented August 10, 1954, Patent #2,686,108. Copies are available directly from the U. S. Patent Office, Washington, if you are interested.

I have not as yet had an opportunity to discuss the matter of your trip to this country with anybody, but will do so one of these days. Of course, I can't promise anything will come of my efforts.

With best wishes,

Yours sincerely,

  
Alfred Traverse

AT:bjs

Shell Development Company  
Exploration and Production Research Division

February 17, 1956

Mr. R. A. Couper  
Sedgwick Museum  
Cambridge University  
Cambridge, England

Dear Ashley:

It was good to hear from you again, and I am sorry that yours of the 18th of January has been unanswered so long. Your assessment of the preoccupations of getting settled was quite accurate. I still feel as though I barely had my foot in the door.

I was delighted to know that you made it to Krefeld and that you agree with me about the fruitful place to visit that it is. I had a splendid time there and was only embarrassed that I allowed too short a time for the visit (only three days) and really didn't absorb nearly as much from Professor Potonie as would have been desirable. Nor could I spend as much time with von der Brerie and Rein as I would have liked. You didn't mention whether Norman Hughes accompanied you to Krefeld, so I presume he didn't. I would also have enjoyed a word or two about how you managed the language barrier.

Miss Cookson and I have had some further correspondence, and I am glad to report that she seems much more cheerful now. In her latest letter she says that she agrees with us and will discontinue this sporomorph-sporo-type business. There is, however, still doubt about whether her taxa were originally valid or not. Professor Faegri has convinced me that the taxa cannot be thrown out on the basis of lack of typification, because the rules simply do not require typification. Whether the taxa were invalidated because they were not categorically stated to be genera and species is still not certain to me, and I shall wait until I have examined the pertinent rules again before commenting! Cookson asked me about the Triletes-Trilites question in her recent letter. I cannot get at my library at the moment, so took the liberty of referring her to you. I hope I remembered correctly that you are conversant with the ins and outs of the matter.

With very best wishes.

Yours very truly,

Alfred Traverse

AT:lbd

Shell Development Company  
Exploration and Production Research Division

Sedgwick Museum  
Cambridge  
18th January, 1957

Dear Al,

Thanks very much for your letter and I am sorry to have been so long in replying but my trip to Knefeld interned and I have only just got back. Also, I regret my wife and I did not have the opportunity of entertaining you in London.

I suppose you are gradually getting settled in to Houston but it must be quite an undertaking uprooting a family and travelling many hundreds of miles to a new home.

I was completely wrong in wondering whether it was worth my while going to Knefeld. I don't know whether I have ever spent a more interesting or profitable week. There is no need to tell you I am sure of the wonderful hospitality I was given, nor what a fine and interesting man Prof. Potonié is. I do not agree entirely with all his views on nomenclature, etc, but he is a good man to follow in most respects.

Certainly I have got things straighter in my mind than I have ever had before and should be able to go ahead with

my work here much more quickly than I could have done. Potonié, like you, has also had a taste of prose from Dr. J. B. Cooper in Australia in what she talks of giving up spine work. I hope she will change her mind because with all her faults she has done, and still could do, excellent work. I hope to see her either in Australia on my way home or in New Zealand next year.

Talking of going home, you may recall that we briefly discussed the possibility of your company offering me some help to visit your palaeontological laboratories in the States on my way home.

My projected date of departure (say late September or early October) is still many months away and I fully realize that you must, at present, be completely occupied with much more urgent matters, but I should appreciate any news of the possibility of or otherwise of such an arrangement as soon as possible. My reason is that given sufficient time and some concrete facts to work on there is a remote possibility that I may be able to obtain some sort of financial assistance from the U.S. Government. For example I could possibly ask for them to pay my fare to the States from Britain

The dollar situation being what it is, however,  
the prospect of getting anything more than faces  
paid is virtually nil. For actual expenses  
in your country I would be <sup>almost</sup> entirely dependent  
on the generosity of your company and about  
100 dollars that my wife has access to  
due to her writing for American papers.

I must apologize for the above, rather  
protracted speculation but quite frankly,  
al, both my wife and I are almost  
childishly excited at even the remote  
prospect of a visit to your country.

Before closing I must tell you  
that I follow directly after you in  
Prof. Paton's visitors book in his  
home in Dusseldorf. Between us we  
certainly represent a fair geographical  
spread.

Well al, once again may I say  
how much I enjoyed meeting you and please  
let ~~my~~ <sup>know</sup> me if I can be of any help in  
your future work.

Best wishes to you and all your  
family.  
Ashley

BY AIR MAIL  
PAR AVION  
AIR LETTER  
AÉROGRAMME

CAMBRIDGE  
10-AM  
19 JAN  
1956



Dr. Alfred Traverse  
Shell Development Co.  
3737 Bellair Blvd.  
Houston 25, Texas  
U. S. A.

Fire fold here

Second fold here

Sender's name and address: R. A. Cooper  
Sedgwick Museum  
Cambridge, England

AN AIR LETTER SHOULD NOT CONTAIN ANY  
ENCLOSURE; IF IT DOES IT WILL BE SURCHARGED  
OR SENT BY ORDINARY MAIL.

To open cut here

Mr. R.A. COUPER,  
Sedgwick Museum,  
University of Cambridge,  
C A M B R I D G E  
England

The Hague, December 29th, 1955

Dear Ashley:

The chance to spend some time with you, a complete surprise, was very much appreciated and enjoyed. I have been an interested admirer of your work for some time, and it was good to be able to meet you and to talk over, however briefly, some of our mutual problems.

Miss Cookson has just written me an interesting letter to ask me about what I said in September about the Australian palynological systematics. I have written her a brief explanation of where I stand and have tried to make especially clear that I feel that the International Code must be followed. I am not at all sure from her letter that she sees the problem from that angle. For example, she says, "I ... tried out his (Erdtman's) proposed nomenclature - I have more or less kept to this ever since. Couper has followed it for the N. Z. types...." Of course it is true that your names are coined in pretty much the same way as Cookson's, but the systematic procedure has been entirely different. It appears to me that Miss Cookson doesn't realize the great difference that exists between what you have done and what she has done.

She also says that Kathleen Pike has left her to get married, and it is evident that Cookson feels herself terribly isolated and alone. She talks of leaving palynology altogether, which I hope she will not do. I have written her that the systematic mess is really not that bad, that most of her names are quite all right, merely needing tidying up by designation of types and so forth. (But that reminds me that Faegri has just written me a rather disturbing letter in which he says that it is extremely doubtful, due to ambiguity of the rules, that typification is required for fossils even by the new rules. I fervently hope he is wrong but will have to look into the points he has raised. I should also make clear that Faegri agrees with us about the desirability of typification. He is talking only about the requirements of the regulations.)

It develops that I shall be returning to U.S.A. via PAA from Brussels, on 2 January, with only an hour in London en route. So it looks as though there is no chance of meeting you and your wife in the Big City. I hope the future will provide such an opportunity.

Best wishes for 1956.

Sincerely yours,

*AT*

A. Traverse,  
c/o M.V.De B.P.M.,  
GA/Pal.Lab.,  
30, C.v.Bylandtlaan,  
The Hague

American address:  
Shell Development Co.,  
3737 Bellaire Blvd.,  
Houston 25, Texas



In replying, please quote  
these numbers.

Department of Scientific and Industrial Research

RECEIVED

Geological Survey Office,

AUG 18 1953

~~156 THE TERRACE~~ 93 Boulcott St. Bureau of Mines  
WELLINGTON C. I., Grand Forks, North Dakota

13th August, 1953

Dear Mr. Traverse,

I received your paper with Barghoorn on the  
Brandon lignite today. Many thanks for the separate.

I concur heartily with you on your attempt to assign fossil  
spores and pollen grains to Recent genera where possible and agree  
that with a good reference collection of present day spores and  
pollen many fossil forms can be identified.

I am looking forward to publication of the systematic  
account of the plant microfossils. My bulletin describing New  
Zealand fossil spores and pollens was page proofed and an  
index compiled some 3 months ago but owing to printing delays  
here it still hasn't been published. It should however  
be out before the end of the year (I hope!).

Best wishes

R. A. Beaver

Palaeobotanist.

P.S. Please note change of address

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


March 6, 1953

Dr. R. A. Couper  
Paleobotany Section  
New Zealand Geological Survey  
190 Lambton Quay  
Wellington, New Zealand

Dear Dr. Couper:

Many thanks for the reprint of "The Strati-  
graphic Relations and Plant Microfossils of New Zealand  
Coal Measures". I much appreciate being on your mailing  
list.

Very truly yours,

  
Alfred Traverse  
Coal Technologist

cc Mr. Lankford  
Region V  
✓Dr. Traverse  
File - 626.1

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

October 7, 1952

Dr. R. A. Couper  
Paleobotany Section  
New Zealand Geological Survey  
190 Lambton Quay  
Wellington, New Zealand

Dear Dr. Couper:

Many thanks for the copy of your paper, "The Spore and Pollen Flora of the Coccos-bearing beds, Mangonui, North Auckland, New Zealand." Since I have done some work on Tertiary pollen (as yet unpublished), your paper was of considerable interest.

Sincerely yours,



ALFRED TRAVERSE  
Coal Technologist

cc Region V  
cc Dr. Traverse ✓  
File

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

May 2, 1952

Dr. R. A. Couper  
N. Z. Geological Survey  
Dept. of Scientific and Industrial Research  
Wellington, New Zealand

Dear Dr. Couper:

Thank you very much for the copies of your  
papers on plant micro-fossils, which have just arrived.  
They will be useful to me here in my work on American  
lignites.

Very truly yours,

*RT*

ALFRED TRAVERSE  
Coal Technologist

cc Region V  
Dr. Traverse ✓  
File

July 30, 1984

Dr. Richard W. Cowan  
Regional Treasurer and President, IAPT  
Museum of Natural History  
Smithsonian Institution  
Washington, D.C. 20560

Dear Dick:

Sorry the review of the Scott paper has taken me so long. The usual summer problems are responsible.

A review of the Foerstia-Protosalvinia etc. nomenclatural question is well worth doing, and Dr. Scott is well qualified to do it. However, the paper as it now stands has some major faults:

1. There are too many boo-boos to convince me that the job has been carefully done. These mistakes range from the spelling of Boucot (p. 1) to (p. 2) the expression "direct synonym". What would an indirect synonym be? The author says (p. 2) "Still, other names....are related forms." Names are of course not forms, and a paper with such mistakes is obviously not ready for Taxon. p. 2, last paragraph, has a dangling paragraph, which the reader finds not immediately related to surrounding paragraphs. I am still not sure I have it figured out. On p. 5 the statement about alternate names needs a specific Art. quotation from ICBN and somewhat more explanation. On p. 11, para. 4, an introductory sentence is given about "...the following plant group..." It is not stated directly what plant group is under discussion. Generic reference to Foerstia in this sort of technical paper should be "White in White and Stadnichenko".

2. More important, the author needs to provide a summary that states succinctly what the problems are and what her solutions are: I would guess this would be that only one generic name is needed for Protosalvinia/Foerstia and P. has priority (Did Dawson really provide a proper generic description?-- I can't check.) Foerstia should be suppressed for such and such reasons. The new group, Protosalviniopsida, should be erected because, etc. The introduction to the paper should help the reader understand by doing the same sort of thing. The present introduction just doesn't help the reader get oriented in the major systematic difficulties--he has to ferret these out. For example, the statement (p. 1) about Gray & Boucot's "questioning" doesn't say what they questioned, nor what this has to do with the problems! That is representative of the approach of much of the paper. The author doesn't show

Dr. Richard W. Cowan  
Page 2  
July 30, 1984

sensitivity to what the enquiring reader needs to know.

3. An illustration of a member or two of this Protosalvinia complex would help. There should certainly be a reference to Tom Taylor's paper in Taxon about early land plants.

4. The acknowledgment section puzzles me greatly, and would alone be enough for me to be critical. Dr. Scott worked on this problem for some time with Fran Hueber--I recall discussing the matter with them jointly and examining specimens with them. They made the Smithsonian's beautiful Protosalvinia display as a joint effort (It's in the origin of life exhibit). What does it mean that Dr. Scott leaves Dr. Hueber out of the acknowledgments, regardless of personal grievances, if there be some? It's unethical. Furthermore, Dr. Scott could iron out the many problems with this paper by working on it with Dr. Hueber. With his help she could get this paper into acceptable shape. It needs a lot of work.

In summary, the basic ideas are publishable, but not in present form -- the heart of the paper needs to be largely rewritten, and various blunders need to be exorcised. I would like to see the author do this.

All the best.

Yours very truly,

Alfred Traverse  
Professor of Palynology

/jb

INTERNATIONAL ASSOCIATION FOR PLANT TAXONOMY

---

Regional Treasurer U.S.A.:  
Dr. R. S. Cowan  
Museum of Natural History  
Smithsonian Institution  
Washington D.C.-20560

WASHINGTON, Tuesday, 19 June 19 84

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

Dear Al:

It's been a long time since we've been in touch and now it is too bad that I write to ask your help. We have received a manuscript for publication in TAXON and we need your advice.

Is the paper worthwhile? Is it scientifically sound? Does the author need to revise the text? Any suggestions for its improvement, if it is worth publishing, will be greatly appreciated by everyone concerned.

I hope all is well with you. Best regards and many thanks.

Sincerely yours,



Richard S. Cowan  
Regional Treasurer and  
President of the IAPT

Enclosure  
RSC: cab

November 8, 1973

Dr. Richard S. Cowan  
National Museum of Natural History  
Smithsonian Institution  
Washington, D.C. 20560

Dear Dick:

In the attached package are the xerox sheets which I promised. I find, however, that the number of generic names involved is 185 rather than the 300 I indicated over the phone. That is because the other 120 or so are not in the sort of shape I would require before sending them to you.

However, I would like to emphasize that I do have approximately 4,000 generic names in one stage or another of completion, and you all should be getting a regular flood of these sheets before too long.

Thank you for your patience. Best wishes from Happy Valley.

Yours very truly,

Alfred Traverse  
Professor of Geology & Biology

AT/vsi

January 20, 1972

Mr. Richard S. Cowan  
Regional Treasurer, IAPT  
Museum of Natural History  
Smithsonian Institution  
Washington, D.C. 20560

Dear Dr. Cowan:

Many thanks for the stamps which you returned. I have no idea how they got into my dues payment envelope, though my best guess would be that I bought them for one of my stamp collector's sons and the stamps were placed in an envelope which accidentally was later used for mailing my dues payment. In any case, thank you so much for sending them back to me.

Best wishes to you.

Yours very truly,

Alfred Traverse  
Professor of Geology & Biology

AT/vsi

INTERNATIONAL ASSOCIATION FOR PLANT TAXONOMY

Regional Treasurer U.S.A.:  
Dr. R. S. Cowan  
Museum of Natural History  
Smithsonian Institution  
Washington D.C.-20560

WASHINGTON, January 3, 1972

Dr. Alfred Traverse  
Organic Sediments Laboratories  
Deike Building  
Pennsylvania State University  
University Park, Pennsylvania 16802

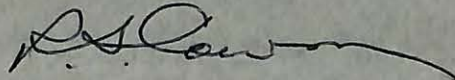
Dear Dr. Traverse:

The enclosed eight-cent stamps accompanied your 1971 dues payment which was received in early August. I can think of no reason why they should have been sent to us and can only conclude that they were slipped into the envelope by mistake.

I apologize for the delay in getting them back to you but some IAPT correspondence was mislaid and has just come to light again. However, I'm pleased they were found and that I can return them now.

Best wishes for the New Year.

Sincerely yours,



Richard S. Cowan  
Regional Treasurer

Enclosures (4)

April 15, 1970

Dr. R.S. Cowan  
Museum of Natural History  
Smithsonian Institution  
Washington, D.C. 20560

Dear Dr. Cowan:

As I believe you probably have heard previously, I have been having some difficulty regarding receiving Taxon. For 1969, I had by December received none at all, and I wrote to Dr. Stafleu to make some sort of a check of the situation and fairly soon thereafter I received all of the numbers for 1969 in one bundle. So far in 1970, although some of my colleagues have received at least one issue, I have received nothing. I am wondering if the problem has to do with the unfortunate decision I made a couple of years ago when economic circumstances were straitened to have the university pay my dues for that one year. It was not my intention that that would be a permanent arrangement, and I should be billed for my dues as usual from now on. It has occurred to me, however, that perhaps this caused some sort of a foulup. At least, I have been disturbed by my failure to get Taxon--for one thing I now especially need it in connection with my work as secretary of the International Committee for Fossil Plant Nomenclature. Please excuse me for bothering you about this, but I really don't know to whom else I might turn. Would you look into the situation, be sure that my status as a paid-up regular member is o.k., and let me know what you find out? Thank you very much.

Yours very truly,

Alfred Traverse  
Associate Professor of Geology & Biology

AT:kc

November 28, 1969

Dr. Richard S. Cowan  
Museum of Natural History  
Smithsonian Institution  
Washington, D.C. 20560

Dear Dr. Cowan:

I am writing you in your capacity of regional treasurer for the International Association for Plant Taxonomy. I seem to recall that we had correspondence earlier about my dues for IAPT. I don't know how all that came out, but I am very disturbed about the fact that I received no copies of Taxon for 1969. As far as I know, I am a member in good standing of IAPT, as well as the World Organization of Paleobotanists. I therefore don't understand why I wouldn't be on the subscription list for Taxon. Since I am now secretary of the Nomenclature Committee for Fossil Plants, it is especially important that I have Taxon near at hand. Besides, I have a complete run which I don't want to see broken. Do let me know what is going on.

Season's greetings.

Yours very truly,

Alfred Traverse  
Associate Professor of Geology  
and Biology

AT/pkp

INTERNATIONAL ASSOCIATION FOR PLANT TAXONOMY

C

Regional Treasurer U.S.A.:  
Dr. R. S. Cowan  
Museum of Natural History  
Smithsonian Institution  
Washington D C.-20560

WASHINGTON, January 13, 1970

Dr. Alfred Traverse  
Catalog of Fossil Spores and Pollen  
Deike Building  
The Pennsylvania State University  
University Park, Pennsylvania 16802

Dear Dr. Traverse:

I apologize for taking so long to respond to your letter of November 28. It was misplaced and only recently came to my attention.

Let me assure you that you are indeed a member in good standing and I cannot explain why you have not received any copies of our journal for 1969. As you know, TAXON is mailed from the Netherlands so I am sending your letter to headquarters in Utrecht. I am sure Dr. Stafleu, head of IAPT, will have someone look into this to find out what has gone wrong and make it right.

Thank you for calling this to our attention, for we have no other way of knowing when things go astray.

With very best wishes.

Sincerely yours,



Richard S. Cowan  
Regional Treasurer

cc: Dr. Stafleu w/incoming letter

February 28, 1969

Dr. R.S. Cowan  
Smithsonian Institution  
Natural History Museum  
Washington, D.C. 20560

Dear Dr. Cowan:

I just received a bill from the International Bureau for Plant Taxonomy and Nomenclature for my copy of the World Report on Palaeobotany VII.

This is just a question that I need answered for my records--don't members of the World Organization of Palaeobotany who are also IAPT members get their copies of the Report free? I can't remember, but I thought that was the deal. Could you illuminate?

Yours very truly,

Alfred Traverse  
Associate Professor of Geology

AT:kwc

28 April, 1982

Ms. Carmel A. Coyne  
26, The Square  
Skerries, Co. Dublin  
Ireland

Dear Ms. Coyne:

Thank you for your form letter of 18 April re graduate work. As a protégé of Dr. Clayton's you would be most welcome to apply for admission to our graduate program in palynology. I cannot guarantee that the graduate school would admit you--that would depend on how the various elements of the application come out. However, at the moment there appears just no possibility of financial support, and I therefore must be basically discouraging, unless a student brings his (her) own support. I am really scrambling to find support for my present students.

Hoping you have success with your plans, I am

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

How not to  
do it.

26, The Square,  
Skerries,  
CO. DUBLIN.

Date - 18/4/82

Dear Dr. A. Trause,

I am writing to you on the advise of Dr. G. Clayton of Trinity College Dublin, in the hope that you maybe in the position to further my wish of persuing research in Palynology/Poleobotany. The fields of study I am particularly interested in, are Mesozoic Palynology or Poleobotany, with the possible research topic on offer leading to an M.Sc. Degree.

I obtained my Hon's Primary Degree in Geology in June 1980 from Trinity College Dublin. Since then I have had varied geological experience in employment and at present I am persuing a one year course leading to a Diploma in Education, terminating in June of this year.

With the possibility of a research topic on offer from you, a problem of finance rests on my side, as I am not in a position to obtain any financial support from an education organisation or otherwise here to aid such a venture. I would therefore like information on the possibility of any financial support eg. grants that might be available if such a research topic vacancy exists in your University.

Names of referees will be forwarded with further communication. I look forward to hearing from you soon.

Yours sincerely,

Ms. Carmel A. Coyne.

Ms. C.A. Coyne.

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

25 April, 1993

Dr. Fritz Cramer  
La Hoja Licores S. A.  
Apartado 543  
E-24080 Leon, Spain

Dear Friz:

Your, as usual, entertaining letter of 23 March is in hand. The addresses you requested are enclosed (along with others--I just xeroxed pages of the current AASP directory).

Glad to hear that your business is flourishing. I've never made much money out of palynology, but I've enjoyed it, and I've yet to miss a meal, at least.

One of my ex-students who works with acritarchs was here for a couple of weeks recently (Paul Strother), and he asked about you. I'm sending him a copy of your letter as proof that I wasn't putting him on with my stories about your manufacturing liqueurs (and much else, as it turns out!).

Regarding the one question of scientific interest you raise, no, the problem of what chitinozoans are is still unsolved. I recently had a graduate student from Aramco who did a thesis on such things from Saudi Arabia. Nice piece of work. Interesting kid. The last thing he did here before going home was to cruise around PA buying 12 automobiles, mostly Lincoln town cars, which he then had trucked to NYC to be shipped home for "Uncle Abdullah, Uncle Salmon....." He paid cash.

Best wishes.

Yours very truly,

Alfred Traverse

encl: addresses

P. S. some day I'll visit you.



La Hoja Licores S.A.

Telefono 987-690.768; Fax 987-235.939.  
23 march 1992

APARTADO 543  
E-24080 LEON - ESPAÑA

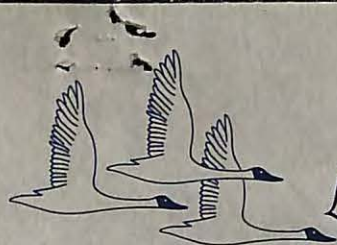
ENTREGA O RECOGIDA DE MERCANCIAS:  
CARRETERA NACIONAL 630  
DE LEON A LA ROBLA, KILOMETRO 135

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

Dear Al:

This letter will, I hope & wish, find you all in good health, good spirits, prosperity, amazing grace, hope for the future. Time has gone by amazingly fast. Geology, palynology, Gulf of Mexico Pleistocene, the dirty tricks from our competitors to us and from us to them, all have sunken into that hazy oblivion where it no longer matters whether you look back at them in ire or in joy. It was often fun while it lasted but now that it is gone, I don't miss it.

La Hoja Licores S.A. is no longer the weak seedling sprouting in the byzantine jungle of spanish booze manufacture and distribution it was way back in 86 when I decided to say goodbye forever to acritarchs, chitinozans, and those weird blobs of kerogen that tell you whether or not oil (not gas) has *actually moved* through a rock, and return to what my ancestors have been doing (documented!) since 1512: preserving foodstuffs. The market being crowded for sausage, we make sauerkraut\*, 'pökelfleisch\*', 'bündnerfleisch\*', pastрами\*, pulp for very good marmelade, liqueurs, and hard licor. (For the items marked \* we have found it more profitable to buy out one existing small company after the other, inject \$\$\$, either fire all the workers and the owners or force them to do it my way, use my technology, my recipes, my marketing, punch my timeclock, and in general cowtow to me, the great genius; the marmelade we make for a german-dutch multi (Hero) in which I have now a 6,25% stake; the liqueurs and hard licor manufacture is my joy in life. I am good at it). From a rinky-dink operation whose cribdeath at the hands of the Spanish vested interests was a real possibility six years ago, we are now a group of unexpectedly prosperous small companies. We have 3% of the spanish liqueur market (which translates to 88% of the Black Currant Liqueur sold in Spain, and 55% of the Blackberry Liqueur. We are doing well. Not: doing well by doing good. Doing well -- for we make good products. We have had to build our own distribution net because the existing oligopolies did not want to make way for better and less expensive products (ours). Instead they have tried to fuck us over in ways that don't even exist in the rarified world of palynological consulting. Well, our own net begins to bear its fruits in the form of unexpectedly high profits, so all good that ends good. In fact we have begun to do the same shitty tricks to Marie Brizard on the Tunisian market as they did



La Hoja Licores S.A.

ENTREGA O RECOGIDA DE MERCANCIAS:  
CARRETERA NACIONAL 630  
DE LEON A LA ROBLA, KILOMETRO 135

to us seven years ago. Ours is a simple system. It works on the principle of satisfying the distributor's greed and through diligently steelclawing them into that difficult situation of honesty towards the hand that feeds them (almost impossible if the distributor is genotypically from southern Spain), we can and do sell our rotgut at prices far below those of the big multinationals. Soon the La Hoja companies corporate sees will not even be any longer in Spain. They will all become filials of The BuMaG, the Luxembourg Holding GmbH we are creating right now -- to harvest all those nice tax and labor benefits our lawyers have figured out for us. Which is what we pay them for. And them ambulance chasers better be good if they want to keep their kneecaps/balls/piano-playing fingers in working state.

Meanwhile, I seem to have the gift of the pen. Writing like crazy all kinds of stupid-ass stories which I send to some U.S. syndicate for canibalization by deserving intollectuals who pass off my mental miscarriages as their own little, beautiful, babes in their oh so original speeches and innovative-thought-peddling articles and considered opinions. And with the new set of illiterate neanderthals in now power, the U.S. market for my kind of crap has really opened up. Pays very very well, incidentally. But it's a grind turning out the contractual three or four page-long pieces a week. Occasionally makes me sad to be a lousy writer and see my goods being peddled by an even worse one, but ain't not a whole lot you can do about it. \$\$\$ the great equalizer.

I would like you to send me the addresses of Bob Clark, Jef Norris, Dick Hedlund, Howard Stacey, Art LeBlanc. I am sure they are in the directory of that club of folks who ply that strange and unproductive profession of palyology. AASP, I believe it is/was called and you surely have kept paying your dues to (not me: needed pts/\$ conversion permit from Bank of Spain & was just too much of a hassle). Sennem adrassis pleez.

Greets,

Fritz H. Cramer.

Have they ever discovered what chitinozans were?

## GROSELLAS

(*Ribes spp.*)

Hay más de cien especies de groselleros salvajes en los bosques de árboles de hoja caduca de Eurasia, Norteamérica, y la parte más septentrional de los Andes. Ni en Africa ni en Australia han sido identificadas especies salvajes de *Ribes*. Son tres los grupos de especies, variedades, e híbridos, que se cultivan comercialmente por su fruta: las grosellas rojas y blancas (también conocidas como 'ruxietxes' = *R. sativum*); las negras ('cásis' = *R. nigrum*), y las verdes con espinos ('zaramínganos' o 'gelimbromos' = *R. grossularia*).

Nuestro Auténtico Licor de Grosellas es un licor hecho principalmente por maceración de las grosellas negras y rojas que cultivamos en la Meseta Leonesa y que afinamos con frambuesas, moras, ciruelas claudia, y luego con almendras dulces, todavía verdes. Para darle carácter, le hemos añadido un poco de un aguardiente destilado de grosellas y moras. Y para pulirlo, lo hemos mejorado con nuestros propios alcoholatos de esquilas de canela y vainas de vainilla, semillas y raíces de angélica, de anís y de comino, semillas de cardamomo y raíces de gengibre fresco. El licor tiene el 22% de alcohol. Lo justo para realzar su carácter y aroma. Más alcohol es innecesario; si tuviese menos, perdería sabor.

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March 24, 1975

Dr. Lucy Cranwell (Mrs. Watson Smith)  
2040 E. Drachman Street  
Tucson, Arizona 85719

Dear Lucy:

Thanks for yours of 3 March, which was delivered to me in the hospital. I have had some knee surgery as a result of a combination of injuries, to my left knee in the field and elsewhere. I am now slowly recovering.

You certainly have my sympathy regarding your moving. We haven't done it for about seven years now, but I have no pleasant memories of the process and hope it will be some time before it occurs again. It is good to hear of your new house, which sounds absolutely delightful. -I do hope I'll get to see it one of these days. Since your letter arrived, I have heard from my sister and her husband regarding their visit with you. They seemed to have enjoyed themselves immensely. My brother-in-law apparently was as impressed as one would expect with Watson. I gather, however, that he never had the nerve to admit that he had majored in anthropology as an undergraduate! Thank you so much for your kindnesses to them. I have enjoyed your whole letter very much--indeed, since I was in the hospital when it arrived, I had more time to digest it than is usually true with my correspondence. I was amused by your sentence about "Catholic"- "not Roman Catholic". as an Anglo-Catholic priest, I am certainly well aware of the distinction! In this ecumenical age, some of these things are (thank God) becoming a little blurred. The hospital where I had my surgery was a Roman Catholic hospital, and both the priests and nuns treated me 100 percent as a priest from the time of my admission!

Best wishes as always, and thanks again for your hospitality to the Turners.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/vsi

*new  
address put  
in address file*

~~CASA GONDWANA,~~

~~5045 East Grant Road,  
Tucson, Arizona, 85712.~~

March 3, 1975

Dear Al:

Your letter caught up with me at the new address, which is 2040 E. Drachman, Tucson, 85719. We have been packing since November and have still a long way to go. It will take some time to sell our old home, as nobody wants to have such an expansive house in these days. And we don't wish to have the property sold for R4 zoning, with high-rise buildings. It has been exhausting, what with packing and unpacking, and showing of the property. We nearly sold to the Unitarian-Universalists and all went well until their committee was formed (under tax exempt status): members then challenged everything the preliminary committee had done over some months, and the project collapsed. The President and prime mover of the project had a minor breakdown and went off to Mexico to nurse his wounds. Since then we have shown to charming young members of the Soufi sect, and to more mercenary people; and to a Mexican restaurateur, and to one of the Catholic (Roman Catholic) churches...I should add that an uncle of mine felt that he was strongly "Catholic", but not Roman Catholic..... All in all, anyway, I have been little more than a housekeeper, cleaning woman, and packer of books during recent months. Luckily I am still fairly strong, but it is not the life I'd choose! I keep thinking of a return to Molokai (to the bog, in particular) and of the impossibility of going to Europe or to New Zealand in the near future.

The new house, which I hope you'll see someday soon, is of conventional Mexican Town-House style...a separate building, walled in, and with a smallish but nice patio and a small pool. The house has some odd features but is mainly very easy to live in. I have little room for my books etc. and may have to add a room to a small pink Casa outside the walls.

All this is by way of explanation of my slowness in acknowledging your letter. We have not had a breathing space since we suddenly decided to sell and buy something smaller. Ben and his wife found the new house next day, and we decided to buy it without waiting to free ourselves of the old place....Another complication has arisen during the last week or so: Wat knocked his leg twice in one day, making a nasty gash in the calf, in particular. True to form he told me nothing about it. It was badly infected when I realised he was in pain, but he is now on the mend.

Your sister and her husband (and their son) will visit us tomorrow. We look forward to seeing them and feel sorry that we could not ask them here any sooner. They have had good weather here, apart from some bad dust storms.

I went to Washington for the SCAR/IUBS meetings at the end of August and gave some sort of a talk. As usual, nobody seemed

to know anything about palynology. For myself I was especially interested in a talk about strange cattle that have been interbreeding for 100 years on Amsterdam Island. They eat only grasses and sedges (both very tough and full of silica), or a little seaweed on the shores. They have only the one spring on the island, which covers several thousand acres... Their meat is excellent, and they have no diseases at all! Amazing, isn't it? The speaker, a Frenchman, said sourly that their meat was too good for the people of the island. It appeared that they were mainly French workers at a weather station of something of the sort. He did not state exactly what the population was up to.

I had no time to write up the paper I gave as we ran into trouble the day we got home, in mid-September. Ben and Marcia insisted that we must sell and simplify our lives--and theirs, and so here we are, waiting for some solvent sect to come along.

I have owed you a letter for some time, I know. I have put your communications aside and hope someday to attend to queries you have raised.

With every good wish,

*Lucy Cranwell*

January 29, 1973

Dr. Lucy M. Cranwell  
5045 E. Grant Road  
Tucson, Arizona 85712

Dear Lucy:

I saw somewhere recently that you have become convinced that the genus Wodehouseia <sup>Stuebeli</sup> changed as to spelling by dropping the "i". I had a long correspondence with Srivastava on this matter a while back, and I hope succeeded in convincing him that he was wrong. The spelling of a generic name cannot be changed under the Code, although the spelling of a specific epithet which did not agree with the stipulations of the article on orthography can be changed. It is true that if Stanley had followed the Code's recommendations regarding the naming of a genus, he would not have used an "i" but that is neither here nor there. He did use an "i", and this means that we cannot now drop it. It is, of course, not a really important matter anyway.

I do hope that you and your family are getting along well and that fate will allow us to get together again one of these days. Don't you ever get into this part of the world? It would be good to see you. Best wishes as always.

Yours very truly,

Alfred Traverse  
Professor of Geology & Biology

AT/vsi  
cc Edward Stanley

Please use home address for all correspondence: CRANWELL  
= 5045 E. Grant Rd/, Tucson, Az 85712

---

October 21, 1972

Dear Al:

My apologies for being so late in acknowledging your set of reprints (two from Geosciences and Man, Vol. III). I am sorry I overlooked writing, but then, I have had little time for correspondence or work during the past year or so.

We were in New Zealand for some time last year, and called in at Sydney and Noumea on the way home. A most interesting trip, but more concerned with family and old friends than anything else. I hope to go next year, while INQUA meets in N.Z., but it is difficult to plan far ahead.

Rafael Herbst from Argentina is here for a while. He is a most engaging person, and very keen on his Triassic work.

Sincerely, *Lucy Cranwell*

February 13, 1970

Dr. Lucy Cranwell  
5045 East Grant Road  
Tucson, Arizona 85716

Dear Lucy:

Just to say briefly that Gerhard is having a meeting on palynological data retrieval on the 23rd and 24th of this month, and I plan to attend. It would disappoint me greatly if this did not afford an opportunity to have a visit with you, and since it looks as if nothing that I need to attend is being scheduled for the a.m. of 23 February, I wonder if that wouldn't be the best time? Perhaps we could have lunch together? Gerhard has made me a reservation at the Hilton, and I should be arriving fairly early in the evening of Sunday the 22nd. I will phone you at that time unless weather conditions, etc., delay my arrival until too late.

Looking forward to seeing you, I am

Yours very truly,

Alfred Traverse  
Associate Professor of Geology  
and Biology

AT:kc



THE UNIVERSITY OF ARIZONA  
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

Feb. 9, 1970

Dear Al:

I'll look forward to seeing you on your visit to Tucson. I suppose you are taking part in Kremp's computer meetings?

As to the offending \$2.00...I suppose the best thing to do would be to put it towards my subscription to AASP? I am sorry I have put you to trouble about it.

Perhaps I'll meet Douglas Nichols at the April meeting (in Phoenix) of the Ariz. Acad. of Science.....I am thinking of attending though I may not give a paper.

In haste,

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

Lucy Cranwell Smith

PS. Always use home address in replying.  
LCS

5045 East Grant Road,

Tucson, Arizona, 85716.

May 3, 1969

Al :  
Sam I overlooked  
this so long.

Ducey

Cranwell

Free  
Lucy Crawwell

XII - 1966

To The Traverses

May the joy and peace of Christmas  
be with you today and always

From  
Watsa, Lucy & Ben Smith



HEAD!



I did enjoy seeing you again, & hearing  
your talk. Come again! Come when  
you can sit under the bullbul tree,  
or swim! I must apologize for seeming  
to boast about Ben's interest in biology.  
It wasn't what I meant to say  
at all! I keep puzzling over  
his ability in certain fields  
& his non-involvement in others just  
as important for a cadet in advance  
men



537  
Made in U.S.A.

Lucy Cranwell

Personal

March 3, 1960

Dear Al: It was nice to see you in Tucson and to have you in our home. The affair was rather impromptu as you will have gathered & I was in more than normal confusion.

I enclose a reprint of my Nature article. I feel quite excited to have got going again. I have lots about ready for publication but have always found it difficult to finish anything.

14 January, 1987

Professor John W. Creasy  
Chair, Department of Geology  
Bates College  
Lewiston, Maine 04240

Dear Professor Creasy:

This is in response to yours of 9 January regarding the application of Dr. Pamela Gore for a position in your department.

Pamela Gore is a highly skilled, talented and (perhaps most important) motivated individual who is already a leader in sedimentology/stratigraphy/paleontology, and at the rate she is going will obviously be a top contributor for many years to come. It is really hard to believe she has done so much in so few years--field-trips, society activities, books, papers, lectures, research projects, posters, etc. She is already recognized as one of the 2-3 leading people in analysis of the Mesozoic basins of North America. She is a good organizer, as I can attest from a small part I played in the trip in North Carolina she recently ran as part of the SEPM convention in Raleigh. As a geologist, she is already in the top 10% of those about her age.

Clearly her teaching is exemplary. I know she works very hard at it, as that is her trademark--she's never content to do less than her best. She has attracted many students. Withal, she is earnest, friendly, helpful, unflappable (in my experience) and wants to please. She is a pleasure to work with. Bates would be fortunate to get Pam, if it could.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/et

September 19, 1969

Creative Packaging  
Roanoke Division  
4411 Hollins Road  
N.E. Roanoke, Virginia 24012

Dear Sirs:

Would you please send me a catalog or other brochure describing your plastic boxes? I just returned from a sampling excursion to the Oceanographic Institution at Woods Hole, Massachusetts, and used several hundred of the sort of boxes that they obtain from you--square, plastic boxes with a hinged lid.

Yours very truly,

Alfred Traverse  
Associate Professor of Geology  
and Biology

AT:kwc

July 24, 1970

Mr. G. C. Crebbin *Bausch + Lomb optical*  
349 Lancaster Avenue  
Haverford, Pennsylvania 19041

Dear Gary:

This is further to our phone conversation regarding the bill for the latest adjustments of our equipment on the ten now famous petrographic microscopes! I wonder if you can have the Brown and Earle Company send us a revised bill along the lines that you mentioned the other day, showing the reduced price for the objectives. As I understand it, this will make the total bill come to something like \$283.20. If this is possible for you, fine. If not, please let me know so that I can contact Brown and Earle directly. The Dean tells me that he will pay the bill as soon as it comes in with this revised figure.

Once again, it has been a pleasure working with you, and I hope I will be able to see you again in your retirement. Best wishes.

Yours very truly,

Alfred Traverse  
Professor of Geology and Biology

AT/mrw  
cc: M. E. Bell

November 16, 1967

Mr. G.C. Crebbin  
Bausch & Lomb  
635 St. Paul Street  
Rochester, New York 14602

Dear Mr. Crebbin:

You will probably remember discussing with Dr. Spackman and me last spring the question of modifying the B & L student scopes we have so that they can be used for teaching palynology here.

I still have your rough notes on this business, but by now I am so rusty on the subject that I can't remember what some of the details are. We have reached the point at which something must be done to get the scopes ready for the course in question. I wonder what the chances are that you could include State College on one of your itineraries in the very near future so that we can get our order in shape. I shall be out of town for several days at a time two or three times between now and Christmas, so it would be desirable if you could check with me about the time you could come, if you can.

Yours very truly,

Alfred Traverse  
Associate Professor of Geology

AT:kwc

January 31, 1969

*file* — Mr. David Plume  
Public Relations Manager  
Creed & Company Ltd.  
Hollingbury-Brighton  
England

Dear Mr. Plume:

I very much appreciate the copy of Print Out which you sent me earlier this year. I'm looking forward to getting further issues as they come out. I can already see that Print Out is going to be a considerable help to us in our project. Thank you for your assistance.

Yours very truly,

Alfred Traverse  
Associate Professor of Geology

AT:kwc



File

Creed & Company Limited  
Hollingbury-Brighton-England-BN1 8AL

Telephone Brighton 507111  
Telex 87169  
Cables Teleprinta Telex Brighton

YOUR REF AT:kwc

OUR REF DAP/ER

13th January, 1969

A. Traverse, Esq.  
Associate Professor of Geology,  
Catalog of Fossil Spores and Pollen,  
Deike Building,  
The Pennsylvania State University,  
University Park,  
Pennsylvania, USA.

Dear Mr. Traverse,

In reply to your letter of 6th January, we have pleasure in forwarding back numbers of our external house journal "Print Out", which we trust you will find of some use in your project.

We have added your name to our mailing list and you will receive further copies as they are issued.

Yours sincerely,

DAVID PLUME  
Public Relations Manager

*Handwritten notes:*  
r.p. ady copy "Print Out" 12/10  
ev De - p ...  
y 2/20 ...  
p.o. ...  
Cy - B ...  
APG

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

31 January, 1994

Dr. John C. Crelling  
Department of Geology  
Southern Illinois University  
Carbondale, IL 62901

Dear old friend,

Just read your abstract (with Han) for TSOP last October--very interesting.

Quick question: do you have any spare sample (500 gm. or less) of the "Canadian Melville Island cannel coal," which is "70% sporinite"? I'd like to try some experiments with some.

All the best.

Yours very truly,

Alfred Traverse

AT/et

D

February 7, 1975

Dr. Jack C. Crelling  
Homer Research Labs.  
Bethlehem Steel Corp.  
Bethlehem, Pennsylvania 18015

Dear Jack:

When you get around to it, don't forget that I would like at least a broad geographic location for those samples we recently did--just to the county, at least. We are hoping to use one of the residues as a demonstration for the students of an excellent carboniferous assemblage, and I'd at least like to be able to tell them in a very general way where the things are from. I realize that more exact information is confidential.

Thanks in advance.

Yours very truly,

Alfred Traverse  
Professor of Palynology

AT/vsi