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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.

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

3 October, 1989

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

Dear Dick:

Petrescu almost certainly has trouble with hard currency and for some reason regards you as a friend and perhaps someone in a position to do him a favor! (You've probably read about Romania's draconian policies.) I get many such requests for my book and have actually sent complimentary copies (each costs me \$35 plus postage, just like anybody else) to a few good friends, such as Jiang Dexin. If you feel like sending Petrescu a copy, I'm sure he would appreciate it. In any case, you should really answer this letter yourself, in whatever way you think fit. Therefore I am returning it.

Best wishes as always.

Your pal-on-the-left,

Alfred Traverse

AT/et
encl

TO AT ^{home: 713-782-} 9705
DATE 13 Dec. '84 TIME 9:25 a.m.

WHILE YOU WERE OUT

M. Dick Ledlund
Of 713-790-3311
Phone Mech. Hosp. #

- TELEPHONED PLEASE RETURN CALL
CALLED TO SEE YOU WILL CALL AGAIN
RETURNED YOUR CALL RUSH (income)

MESSAGE G. Fournier ^(income) very
bad, very ill immune
system not working -
Mech. Hosp. - Houston
8th ^{floor} New nurses station
ask for Robin 3-11
(CST)

Signed BT →

The Standard Register Company

12 October, 1983

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

Dear Dick:

When I talked with you several months ago you mentioned a desire to have a copy of the Brandon Lignite mono, and it triggered us into getting it xeroxed because we still get requests regularly. So, here it is.

I never heard from all of you re the potboiler for the PSU house organ--I wondered if it somehow annoyed you all. I would like to have had time to submit it to you for comment pre-pub, but that wasn't possible.

Best wishes, as ever. Any preliminary reading on the PC proposal?

As ever.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: Brandon monograph

Amoco Production Company
P.O. Box 591
Tulsa, Oklahoma 74102

17 February, 1983
17 February, 1983

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

Dear Dick:

Thanks for talking with me about my assignment to write a blurb for the Penn State in-house organ on the current use of palynology in the oil industry. I'll be in touch with T.X.M. per your recommendation. In the meantime, if you are successful in getting me a copy of the artwork for the famous ad, great. Perhaps I'll phone Charlie too. Also, if you have any other ideas on how to write such an article, let me hear them!

Best, as ever.

Yours very truly,

Alfred Traverse
Professor of Palynology

How are chances that Amoco or other companies might be willing to help our research program by assisting the palynological laboratories in acquiring such an item?

AT/et

Best, as ever.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

* IBM desk-top computer, plus printer and appropriate software for collections-management.



Amoco Production Company

4802 East 4th Street
Post Office Box 591
Tulsa, Oklahoma 74102
Research Center

17 February, 1983

June 22, 1982

82173ART0008

Dr. Richard W. Hedlund
Amoco Production Co.
Research Center, P.O. Box 591
Tulsa, OK 74102
Pennsylvania State University
Dear Dick: University Park, PA 16802

Dear Several times during the last year you will recall that I have contacted you in the hope that Amoco or the Amoco Foundation might be willing to help our palynological research program in some way. I come to you again with such a hope.

As you know, I have been at Penn State almost 17 years now. During that time I have built, I think, an impressive research program here in many fields of palynology. Currently I have eight people working more or less full time on these endeavors. To a large extent, these projects depend on our very extensive collections of and files of information on fossil palynomorphs. My colleagues in geophysics who frequently observe and visit our facilities tell me that we simply must get this information onto a desk-top computer if we want to keep our heads above water and maintain our standing in the profession. A computer-specialist colleague has even worked with me on the design of what he feels we should have--the cost is about \$6000*. I took this need to the National Science Foundation which has ruled that such a piece of equipment is not fundable by NSF--"it's like a typewriter and should be provided by Penn State". However, Penn State is not about to spend \$6000 on a typewriter for me, either!

How are chances that Amoco or Amoco Foundation might be willing to help our research program by assisting the palynological laboratories in acquiring such an item?

Best, as ever.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

* IBM desk-top computer, plus printer and appropriate software for collections-management.



Amoco Production Company

4502 East 41st Street
Post Office Box 591
Tulsa, Oklahoma 74102
Research Center

June 22, 1982

82173ART0008

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

Dear Al:

We have received a copy of your request for support of R. L. Litwin's dissertation research from our Denver office. Unfortunately, our ability to respond financially to this request has been limited to "zero" because of in-house budgetary priorities (my letter to you of March 8, 1982).

Sincerely,

R. W. Hedlund

RWH:lmw

cc: P. K. Groth, Denver



Amoco Production Company

4502 East 41st Street
Post Office Box 591
Tulsa, Oklahoma 74102
Research Center

March 8, 1982

82067ART0122

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

Dear Al:

Thank you for your letter of February 15 inquiring about the possibility of Amoco helping support your research program through funding of graduate studies. Unfortunately, availability of outside money for this type of financial support has been severely curtailed at the Research Center for this year, and probably for some years in the future.

I suggest that you apply for 1983 research funding to the Amoco Foundation, at the following address:

Mr. Leland C. Adams, Chairman
Amoco Foundation
Amoco Production Company
200 East Randolph Drive
Chicago, IL 60601

When nominations are received by us, I shall be happy to recommend that the Foundation give favorable consideration to your request.

Sincerely,

R. W. Hedlund

RWH:pt

15 February, 1982

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

Dear Dick:

As you doubtless have heard and read, government sources of funding for university research, and thus for graduate student support, have shrivelled or even in some instances disappeared. Because undergrad enrollment is dropping, the backup source of funding for graduate students, which is teaching-assistantships, is also shrinking.

Inasmuch as my Ph.D. and M.Sc. students more often than not end up as employees of companies such as yours, I write to inquire whether it would not be appropriate for Amoco to help in some way with this problem. For example, could Amoco provide a grant-in-aid for graduate student research, or fund a research project that would provide among other things an assistantship for a student, or fund a graduate fellowship? Also important, could Amoco provide help for our lab toward the purchase of pieces of equipment that during my 16 years here almost always have come from the National Science Foundation: Centrifuges, microscopes, etc.? It may surprise you to learn that most universities are not able to provide such things for the research of the faculty. In fact, about all the university does regularly provide is teaching equipment, a place with heat and light, and a (however inadequate) salary. Given the mood of state legislators, one must be grateful even for these favors.

Well, do let me hear about what if anything your company could do, and to whom and how application should be made.

Thanks very much.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

XXXX

30 July, 1979

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

Dear Dick:

Just had a letter from Doug Nichols in which he says that you are preparing an obit. for Mart for AASP Newsletter. He says that I should send you whatever I have for possible incorporation. It isn't much, but I append it for what it's worth. About his family history and the Coe College years-- Donna and L.R. can tell you all you want. Aureal Cross would be the best authority for the W.VA. years. Chris Gutjahr was closely associated with him at Shell.

All the best.

Yours very truly,

Alfred Traverso
Professor of Palynology

AT/et
encl: obit. materials re MPS.

7-10-79

Dear Al & Betty:

Thought you might like to read the article about Mart's ministry in our church newsletter.

Hope this note finds you both well & prosperous -

As ever,

Dick

Heckel

30 January, 1978

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

Dear Dick:

Thanks for the bulletin re the ordination--I sent Mart a little note and a gift and hope they arrived*. I have been very sick (flu) and distracted, but did remember the event at the altar too.

I deduce St. Dunstan's has at least three deacons now--two gals?!

All the best.

Yours faithfully,

Alfred Traverse
Professor of Palynology

AT/et

*P.S. Just got the check for Mart back from dead letter office in Wichita (?!)--sent it once again.

10-19-78

Dear Al & Betty:

Enclosed is a copy of the
bulletin from last night's
festivities. Had a good
crowd in spite of the
blizzard blowing through
I nese. Wish you
could have been here.

Best wishes,

Dick
Hedlund

July 14, 1976

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

Dear Dick:

Just to let you know that the various pieces of information, including your hilariously labeled "Polyphyletic Second Service", have arrived and are being studied. I hope we can move out of the study and into the use phase quite promptly. Thanks so very much for your kindness and help. Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

May 13, 1975

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

Dear Dick:

Here's another request for a personal favor before even hearing from the last one! As you know, I will be attending the International Botanical Congress in Leningrad in July. Betty is going to join me afterward in Luxembourg for a few days vacation in the Low Countries. This has prompted me to take care of my last will and testament, which has never been done before and in connection with this it has occurred to me that a large fraction of my net worth is tied up in my books, reprints, and slides and residues of modern pollen. I think I'm probably not far off in feeling that this collection is worth about \$10,000. In the event of a mutual disaster I have instructed my lawyer to get in touch with you as a person who would be able to see to it that my children received whatever they could from the sale of this collection--I have darned little else to leave them. So, I am leaving instructions with the lawyer and with the executor for the estate to get in touch with you in case of need (God forbid!). Naturally, your expenses in coming here to take care of the matter and so forth would be covered out of the estate. This is exceedingly unlikely to happen, I hope, but what is the point of having a will drawn if you don't allow for all possibilities?

Hoping that you won't be offended by my assuming that you are my best friend in the palynological community and with best wishes until we meet again, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

March 24, 1975

Dr. Richard W. Hedlund
Anoco Production Company
Research Center
P.O. Box 591
Tulsa, Oklahoma 74102

Dear Dick:

Enclosed is my current report to the Executive Council of the AASP (or whatever it's called nowadays), as AASP representative on the Council of the ICP. I hope this will suffice for purposes of the mid-year Executive Council meeting.

Best wishes to all of you at that meeting. I still have an empty feeling when this time of the year comes around, and that session is not on my schedule!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

Enclosure: report

P.S. By the way, for the information of the two or three people who might have a mild interest--I seem to be making a normal recovery from my knee surgery, and am almost to the point of throwing away my crutches!

*Prepare summary!
re ICP ←
& send in*

January 28, 1975

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

Dear Dick:

Thanks for yours of 21 January with the invitation to attend the mid-year Executive Committee session off AASP. I am still wondering why Executive Committee was in quotations marks, but there must be some explanation. I don't see how in the stringent travel restrictions to which we are subject I could justify going all the way to Tulsa to present information on the ICP. All I know is what Norman Hughes has been feeding me, and that has been precious little, all of it in the circulars which are sent to the members of the Council and quite a few other folks. I will of course be quite happy to summarize what little bit of news there has been since Calgary and flash that on to you sometime in late March. It would of course be great fun to visit Tulsa generally and you and Donita in particular, but I am afraid that the next AASP function I attend will be the one in Houston in October. Betty and I are going to make that a vacation trip come Hades or enundation.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS, INC.

PRESIDENT: Richard W. Hedlund
Research Center, Amoco Production Co.
P. O. Box 591
Tulsa, Okla. 74102

VICE PRESIDENT: William C. Elsik
Exxon Company, U.S.A.
P. O. Box 2189
Houston, Texas 77001

SECRETARY-TREASURER: Herbert J. Sullivan
Amoco Canada Petroleum Company, Ltd.
444 - 7 Avenue Southwest
Calgary, Alberta, Canada T2P 0Y2

EDITOR: Richard L. Pierce
Mobil Oil Corporation, ESC
P. O. Box 900
Dallas, Texas 75221

January 21, 1975

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

Dear Al:

This is to invite you to attend the mid-year "Executive Committee" meeting of A.A.S.P., Inc., to inform the committee of the status of the I.C.P. The meeting will be held April 3 and 4, 1975, at the Ramada Inn, 4528 East Skelly Drive, Tulsa, Oklahoma. Enclosed is a room reservation card for your convenience.

In the event that you will not be able to attend, please send me your I.C.P. report to be read at the meeting.

Looking forward to seeing you in Tulsa!

Sincerely,

Dick

Richard W. Hedlund

RWH:glj
838 383
Enclosure

COUNCILLOR: Jack D. Burgess
Gulf Research & Develop., Expl. Div.
Drawer 2038
Pittsburgh, Penn. 15230

COUNCILLOR: Robert T. Clarke
Mobil Research & Develop. Corp., FRL
P. O. Box 900
Dallas, Texas 75221

COUNCILLOR: William W. Fairchild
International Biostratigraphers Inc.
5933 Bellaire Boulevard
Houston, Texas 77036

Esbeck
Fidelity Onion Skin
100% COTTON

June 28, 1973

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

Dear Dick:

Regarding the picture, Harvey Zeiss has jarred my memory that the person who was previously getting this information from us and had an overlay prepared was Jan Jansonius. So you might contact him as your best bet for getting the names for the unidentified people. Harvey does think that the two unidentified ladies in the right-hand side of the picture (one with the beret, the other with the leather coat) are both from the general New York area, and probably could be identified by Linda Florer. Hope that Jan can help you--we are unable to do any more than I did over the phone.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

December 7, 1972

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

Dear Dick:

Thanks for yours of 28 November and the corrections for the sizes of the fossils. I have sent in the corrections to the American Journal of Botany, and I presume that will take care of it.

I am enclosing with this letter the extra photos along with thanks again for your much appreciated help.

Best wishes to you, Donny and the boys for the holiday season.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
Enclosure: photos 8

November 16, 1972

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

Dear Dick:

Thanks you so much for the contribution of photomicrographs that you sent me sometime ago, some of which have now found their way into my plate for the history of palynology paper. You did not say what disposition I should make of the photos not used for the plate. If you have no need for them, they would be useful sooner or later for teaching purposes here. On the other hand, if you would like to have them back, it would be easy to send them!

You did not tell me the magnification in all instances, and since I have given an approximate size for each fossil, I worked back from a presumed magnification of 500x which may well be wrong. I am enclosing therefore a xerox of the plate and the captions so that you can make corrections and return to me if it seems appropriate. Since the sizes are supposed to be only approximate, I would think it unnecessary to change them unless they're wrong by 30 percent or more.

Thanks again for your help in all of this. I hope you will like the paper when it comes out. Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
Enclosure: xerox of plate & captions

Sept. 19, '72

Dear Al:

Many thanks for the photo (and
\$ all!). We enjoyed your visit to
Tulsa.

The enclosed is for your "collec-
tion": I was highly amused at the
correlation between subject matter
and the author's name. (Again,
not a palynologist). If you
don't find it amusing, throw it
away.

See you in Newport!

Best wishes,

Dick

Hedrick

September 8, 1972

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

Dear Dick:

Thanks a lot for the recent addition to my "collection"--
that was a lulu!

I am enclosing something which I promised to send along in
due course. I think it's quite good, especially of the cat.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
Enclosure

8-11-72

Dear AP:

Enclosed please find a "bunch" of photos, some of which I hope you will be able to use. There are only a few Paleozoic "spore photos" - as our Paleozoic programs are being handled by Division technical groups.

Also enclosed is a recent article about your friend K.L.S. As you can see, he has gone "all out" on his latest venture (or adventure).

All is well in Tulsa. Hope your end of this correspondence is the same. Best wishes to you and Betty.

Sincerely,

Dick

Hedlund

July 12, 1972

Mr. Richard W. Hedlund
Amoco Production Company
Research Center
P.O. Box 591, Tulsa, Oklahoma 74102

Dear Dick:

Just wanted to tell you that the most recent number of the Newsletter for AASP is one of the best ever! Keep up the good work.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/mjt

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Geoffrey Norris
Department of Geology
University of Toronto
Toronto 181, Ontario, Canada

SECRETARY-TREASURER: Robert T. Clarke
Mobil Oil Corporation
1001 Howard Avenue
New Orleans, Louisiana 70113

VICE-PRESIDENT: John W. Hall
Department of Botany
University of Minnesota
Minneapolis, Minnesota 55455

EDITOR: Richard W. Hedlund
Amoco Production Company
P. O. Box 591
Tulsa, Oklahoma 74102

June 14, 1972

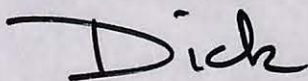
Dr. Alfred Traverse
Department of Geosciences
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

This is to inform you that I have received the revised manuscript
of the May and Traverse paper, entitled:

"Palynology of the Dakota Sandstone (Middle Cretaceous)
near Bryce Canyon National Park, southern Utah"

Sincerely,



Richard W. Hedlund

RWH:mjh

COUNCILOR: W. R. Evitt
Department of Geology
Stanford University
Stanford, California 94305

COUNCILOR: D. Colin McGregor
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario, Canada K1A-0E8

COUNCILOR: Alfred Traverse
Department of Geosciences
The Pennsylvania State University
University Park, Pennsylvania 16802

June 7, 1972

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

Dear Dick:

Fred May and I have been in touch by phone several times, and I believe we have his MS under control. I am enclosing the corrected version.

First of all, comments re yours of 7 April (!):

1. Figure 1: it turns out that Fred has the original of this. He promised to have scales added to the original figure and to send it then directly to you. We do not feel that the left-hand side needs redrafting--it reads o.k.--but if you still think so, let us know precisely what should be done, and I can have it done.
2. Page 9--general reference to Plate I added per suggestion.
3. Reference addition of "Hedlund, 1967" is o.k. by us. Figure 8 discrepancy is handled by a footnote, which Fred and I think is the most appropriate way, under the circumstances.
4. Regarding reference to microplankton in "Conclusions": This comes from fig. 7, which we consider to be in body of MS. "Ecological considerations" appear (albeit briefly!) on p. 15.
5. References: The Doelling reference should be Doelling and May, per bibliography. An appropriate change has been made in the text. Hedlund, 1967, and Agasie, 1969b, have been added.

June 7, 1972

Other changes and comments are as follows:

1. Changes of single words, etc., made in red pencil in the original mostly require no comment.
2. p. 3, l. 16: language changed to tone down the specificity of the lone bivalve.
3. p. 3, l. 23-25: we would like to keep something about Hall's paper in for completeness but delete last clause, as shown.
4. p. 11, bottom: language changed to clarify meaning.
5. p. 16, next to last line: May still thinks that RWH reported "rare", not absent, for triporates here--please check with Fred--if you convince him, "rare" should be replaced by "absent" here.

Hope this settles everything satisfactorily. Best wishes to all.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc F.E. May

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Geoffrey Norris
Department of Geology
University of Toronto
Toronto 181, Ontario, Canada

SECRETARY- TREASURER: Robert T. Clarke
Mobil Oil Corporation
1001 Howard Avenue
New Orleans, Louisiana 70113

VICE-PRESIDENT: John W. Hall
Department of Botany
University of Minnesota
Minneapolis, Minnesota 55455

EDITOR: Richard W. Hedlund
Amoco Production Company
P. O. Box 591
Tulsa, Oklahoma 74102

June 6, 1972

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


Dear Al:

This is to inform you that I have received the Warg and Traverse manuscript with the necessary revisions. The following points are in response to your letter of 5-26-72:

1. The specific location of the outcrop is described in the text first. Therefore, Figure 1 becomes Figure 2, and vice-versa.
6. To the interested (but not necessarily "informed") reader, the addition of Figure 11 is necessary.
- 10b. "D/C" remains "D/C".
- 10c. "farther" it is!

Best wishes to you for a pleasant summer, and the best of luck to Jim in his new position.

Sincerely,



Richard W. Hedlund

RWH:mjh

COUNCILOR: W. R. Evitt
Department of Geology
Stanford University
Stanford, California 94305

COUNCILOR: D. Colin McGregor
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario, Canada K1A-0E8

COUNCILOR: Alfred Traverse
Department of Geosciences
The Pennsylvania State University
University Park, Pennsylvania 16802

May 26, 1972

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

Dear Dick::

Jim Warg and I have just finished going over our manuscript on the Catskill locality on which we reported in October. Probably the best way to handle our response is to list them:

1. We do not really understand why you thought it would be desirable to switch figures 1 and 2, as it seems much more logical to have the small scale map showing the whole area first. However, if you feel strongly about this, it is obvious that we do not feel that it is important enough to make a fuss.
2. We have changed the explanation for figure 6 per your suggestion. This change, and all other changes in the manuscript have been shown in red.
3. We have changed the wording to try to explain what we meant.
4. We have changed the wording here also to make it clear.
5. We have deleted the section per your suggestion.
6. We did not feel that an additional figure for the subdivisions of the stages of the Devonian-Carboniferous was necessary but in view of your reaction we have supplied one as figure 11, of which we enclose a couple of copies.
7. We did not make direct reference to the Kedo papers, though we could have easily "faked" them, because we were never able to secure these publications. It seemed to me to be more honest to refer to the actual source which was Owen, and yet to credit Kedo for the work.

8. We are flattered by your encouragement for us to expand the results we reported, but we would like to demur at this time and await further results, if any.
9. McGregor 1970 is not in the text, and we have shown it to be deleted. However, the addition of the figure with the subdivisions of the stages explained above requires one addition to the bibliography, a paper by Bouckaert, et al. We have attached a slip to the bibliography noting this change.
10. I believe that the other changes we have made in response to your blue inked editorial comments are self-explanatory. However, perhaps it would be best to note a few things in addition:
 - a. p. 4, l. 10: the last word in the line should be west, not east.
 - b. We are somewhat upset by your replacement of "D/C" with "Devonian/Carboniferous". The symbolic reference is widely used and is quite well understood by people who will be reading this sort of thing.
 - c. On p. 21, l. 8 we object to the change of "farther" to "further". I believe that we could argue that farther is just as good in this case (if not better).

Jim and I both extend greetings and best wishes to you and hope that what we have done will prove satisfactory.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Enclosure: two copies of manuscript

April 24, 1972

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

Dear Dick:

Thanks for:

1. the "funny" from the paper by Coleman & Skwarko--that is really incredible, and I would like to hear more about its *raison detre* sometime.
2. the pillow--I note that this did not get covered as a sample by your over-indulgent employer. I therefore enclose a check to cover the cost of the postage.

We did indeed have a good "Good Shepherd Sunday". However, the rector is in the hospital with prostate surgery, will be out of circulation for several weeks, and I am dashing around like the proverbial headless poultry.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Enclosure: check for \$1.10

RICHARD W. HEDLUND
AMOCO PRODUCTION COMPANY
RESEARCH CENTER
P. O. BOX 591
TULSA, OKLAHOMA 74102

Dear Al:

Thought you might like the enclosed
for your collection (bottom p. 2). Your pillow
is on its way. It was good visiting with
you in Tulsa! Best wishes to Betty.
Have a good "Good Shepherd Sunday" (one of
my favorites)

Dick

March 28, 1972

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

Dear Dick:

Enclosed is a self-explanatory letter from Tabbert which arrived too late to be taken with me to Tulsa. I have assured Tabbert that the letter will be discussed at the Rhode Island Executive Committee session.

I wish he could spell my name ~~in~~ our building correctly!

Yours very truly,

Esle
Alfred Traverse
Professor of Geology & Biology

AT/vsi
Enclosure: copy of letter

Fidelity Onion Skin
100% COTTON

January 25, 1972

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

Dear Dick:

Thank you so much for your very helpful letter of 11 January with detailed comments regarding the Red Branch paper (which I have been calling the Woodbine paper all these years). Tate and I have been assuming that your letter implies that it is all right to quote the contents of it in our footnote material in the volume of the Catalog. Unless we hear from you to the contrary we will assume that such is the case.

I understand that we are "compromising" and having the October meeting at the date at which Tynan had arranged. I suppose it was the only real option, but I still think it was a poor show.

q Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

cc H.T. Ames

January 25, 1972

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

Dear Dick:

I just discovered that my previous letter to you regarding obvious editorial changes in the Warg paper did not quite turn the trick. Here are two additional changes:

p. 14, third line from bottom: should read ...*H. famenensis* is relatively stable in absolute frequency, though...

p. 18, the caption as corrected should read "Figure 10: Distribution of sizes of *Hymenozonotriletes lepidophytus* spores in relation to sediment type for selected samples. The distributions trend toward smaller sizes for carbonaceous clay samples and toward larger sizes for silty samples. Coal samples trend toward smaller sizes, but this is presumably ecological rather than sedimentologically.

Actually, I see on careful reading there are other minor editorial changes that need to be made, but I believe they might as well wait until you all have had a go at it. Mr. Warg has many virtues, but I must admit that he has certain "hartian" tendencies.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Fidelity Onion Skin
100% COTTON

February 21, 1972

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

Dear Dick:

Just to get something in writing to indicate that I would like to accept your previously extended invitation to stay with you during the AASP Executive Committee meeting in March. Unfortunately, however, Betty's work here at the lab, as well as Lenten obligations at the church will make it impossible for her to come (in fact, the circumstance that I will be missing from the local scene on Palm Sunday is already causing some severe trouble for me!).

See you then.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

January 13, 1972

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

Dear Dick:

I wonder if you could provide me with one extra copy of the membership directory for 1971--it would be very useful to have one kept in our office for use of the secretaries.

Best wishes to you.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Esbeck

Fidelity Onion Skin

100% COTTON

Fidelity On Skin
100% COTTON

Copy for J. W.

January 13, 1972

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

Dear Dick:

Here are the changes in the Warg manuscript which I discussed with you over the phone the other day:

1. p. 1 (abstract), l. 9: change (*Knorria*) to ("**Knorria**")
2. p. 5, l. 4: change *Knorria* to "**Knorria**"
3. p. 7 (caption to figure 4): change *Knorria* to "**Knorria**"
4. p. 14, last line: add after ...abundance (Fig. 9). the sentence "all of the forms referred to *Hymenozonotriletes* are presumably *Lycopsid* spores."
5. p. 16 (caption to Fig. 9), l. 3: change the wording to "...*H. famenensis* spore concentration is relatively stable despite percentage fluctuations...."
6. p. 17, l. 4: strike the words "or skewnes", so that the line reads "No consistent trend in the size distribution...."
7. p. 17, l. 7: change the wording so that this sentence reads "However, in most samples the larger *H. lepidophytus* spores tended to predominate when they were incorporated with the...."
8. p. 17, next to last line: change this to read "...coal samples to be dominated by small sizes of *H. lepidophytus*...."
9. p. 18 (caption to Fig. 10), l. 5: change to read "silty samples. Coal samples trend toward smaller sizes...."

Lycopsid
not v.c.
not itae.

Thanks a lot for helping Jim and me in this way and best wishes to you til we meet in March!

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi



Amoco Production Company

4502 East 41st Street
P.O. Box 591
Tulsa, Oklahoma 74102

Research Center

January 11, 1972

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

Dear Al:

(Woodbine)
I am in receipt of your letter of January 3, 1972, regarding the Red Branch paper, and should be most willing to comment on the nomenclature and taxonomy.

- 1) Camarozonosporites rudis (Pl. 3, fig. 3) should be Camarozonosporites insignis Norris, 1967 (See Hedlund, 1967).
- 2) Cicatricosisporites dorogensis (Pl. 3, fig. 5) should be Cicatricosisporites hallei D and S, 1955 (See Hedlund, 1967).
- 3) Monosulcites sp. (Pl. 8, fig. 7) should be Bacutricolpites constrictus Pierce, 1961. This oversight was pointed out by Chlonova (1969), in which paper she suggests that the taxon is perhaps a species of Eucommiidites. I agree fully with her interpretation.
- 4) Tricolporopollenites aliquantulus (Pl. 9, fig. 4). Figure 4b should be eliminated. This specimen is certainly a modern contaminant.
- 5) Liquidambarpollenites sp. (Pl. 9, fig. 7). This specimen (along with the other 3 recovered specimens) is a modern contaminant, as suggested in the text on p. 31.

This should take care of the obvious problems in the paper. The only other possible interpretive problem in the work involves the taxonomic placement of Aratrisporites monosaccatus, which could be treated as a monolete microspore in the sense of Klaus (1960). Because

of the interpretive nature of this assignment (pp. 21-22), it is perhaps best left as described in the text.

I hope these brief comments will help you and Tate in the preparation of volume 36 of the Catalog.

Looking forward to seeing you in Tulsa.

Sincerely,



Richard W. Hedlund

REFERENCES

- Chlonova, A. F., 1969, Spore and pollen characteristics of Cretaceous deposits of Zeya-Bureya depression: in Mesozoic spore and pollen assemblages of Siberia and Far East, Trans. Inst. Geol. Geophys., Acad. Sci. USSR, Sib. Branch, v. 91, p. 5-66.
- Hedlund, R. W., 1966, Palynology of the Red Branch Member of the Woodbine Formation (Cenomanian), Bryan County, Oklahoma: Okla. Geol. Survey, Bull. 112, 69p.
- _____, 1967, Taxonomic reevaluation of spore taxa from the Cenomanian of Oklahoma: Pollen et Spores, v. 9, no. 3, p. 579-582.
- Klaus, Wilhelm, 1960, Sporen der karnischen Stufe der Ostalpinen Trias: Austria, Geol. Bundes, Jb., Sonderband 5, p. 107-184.

January 3, 1972

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

Dear Dick:

With regard to the Woodbine paper, which we are covering for volume 36 of the Catalog of Fossil Spores and Pollen, would you be willing to comment on whether you think illustrations 4a and 4b, referred to the species Tricolporopollenites aliquantulus are really illustrations of specimens of the same taxon? It has seemed problematical to Tate and me and we wonder whether you still think they are the equatorial and polar of the same thing.

Best wishes to you for a happy 1972.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

22vDecember, 1971

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

cc: R. Dunay, J. Warg

Dear Dick:

Just became aware of a gremlin which should be looked for in the manuscripts of Warg-Traverse and Dunay-Traverse which were recently sent you. Both Warg and Dunay like to use the spelling "grey" for the color slightly lighter than black. However, in portions of Warg's paper which I rewrote, the spelling "gray" is used because it is the first spelling and seems preferable to me. I wonder if you could see to it that all of the references to that shade are spelled the same way, preferably "gray". On the other hand, if you are "grey"-minded, perhaps you could see to it that at least we are consistent by changing all of the spellings to "grey". On this comparatively light-hearted note, I sign off our correspondence for 1971, with best wishes to you for 1972.

Yours cordially,

Alfred Traverse
Professor of Geology & Biology

AT/et

P.S. By the way, I still haven't received reprints from the Nichols-Traverse and Dunay-Traverse ^{papers} from Volume 2 of our Proceedings, although I have already received a reprint from Burgess of his paper.. I'm sure I must have ordered reprints. Do you have any idea what's going on?

November 17, 1971

Dr. Richard W. Hedlund
Atlantic Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

Just a minor inspiration I want to share with you. I wonder if it wouldn't be a good idea in the future in our Proceedings volumes to indicate the inclusive pagination of the articles on the title page, as is done in most of the progressive geologic journals nowadays? I notice that in our second volume they do have the imprint of the name of the journal and volume number on the title pages, although they did not in the first volume. However, I think it would be a still further improvement to put the page numbers down. Just a suggestion.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

26 October, 1971

Dear Al:

It was good being able to visit with you and Betty again. Hope you both enjoyed the Tucson meeting. Our invitation for accommodating you and Betty in March still stands! We have just bought a 5-bedroom home in Tulsa and will have plenty of room for you. Please consider.

I am enclosing a copy of the short article in Nature. It is well written and worth saving.

All is well in Tulsa. I shall perhaps be back at the organ bench in the near future (even though some of the new liturgies don't seem to lend themselves to anything but guitars!). Have had calls from 3 Ep. churches already.

Must sign off and get back to Tertiary pollen grains. Best wishes to you and yours.

Sincerely,

Dick Hedlund

... and also our Thanks to Mrs Smith

THERE is a disturbing tendency for acknowledgments at the end of even the most modest scientific report to assume progressively grander proportions. Is this a sad symptom of the insecurity felt by the poor scientist as he watches his grants contract and his colleagues become redundant? There must be some rational explanation for the effusions of gratitude which nowadays can fill up half a page or more of an otherwise sober manuscript.

The rationale for detailing the exact source of financial aid can usually be fashomed, if not appreciated by readers narrow-minded enough to be interested only in the scientific content of reports. Authors have clearly been driven to a state of mind in which they believe that it is simply a matter of no acknowledgment, no more money. And so Grant No. G536/41766XY is always lovingly recorded. But what of all those people who are regularly heaped with laurels for their assistance, technical and otherwise? Do authors live in fear of some sort of retribution if they do not extend grateful thanks to everybody concerned with their professional work? Will they arrive at the laboratory one morning to find their spectrophotometers and ultracentrifuges sabotaged because of some failure to acknowledge the titanic services of technicians and typists, not to mention the colleagues who happened to make a few intelligent remarks in the common room?

Some people, of course, are too important to ignore. Obviously it is worth flattering those marvellous volunteers who can fall asleep and wake up exactly when psychologists wish, who will supply blood at the prick of a hypodermic needle and provide daily samples of urine for months on end. Financial reward is clearly not enough, and they must bask in the reflected glory of the experimenter when he reports his findings. And, of course, other workers often find it useful to scan the last few lines of recent articles in their field to discover which hospital is likely to have a good supply of experimental blood or which college can provide suitable subjects for new and fiendishly complex visual tests. Without these selfless people much of the life sciences would clearly collapse. But why does nobody ever thank their rats, *Drosophila* and beagle dogs for submitting so willingly to surgery, sacrifice and other indignities? Doubtless somebody will rectify this injustice soon.

And what of technicians? Are they so badly paid that they must be thanked publicly for operating the instruments which they probably guard with their lives anyway? Or is it perhaps that they hold such tyrannical sway over laboratories that no more experiments could be performed if Rosemary Smith or Fred Brown were not thanked for their excellent technical assistance? The defiant author who calls their bluff and refuses to mention them will be worthy of an honourable mention in the annals of the history of science.

Much more sinister, however, seems to be the acknowledgment of professorial criticism and encouragement. "I thank Professor Blank for his constant support and for

suggesting the topic of this research", probably means that the professor induced the poor timorous author, on pain of dismissal from his team, to investigate some dismal problem which he, Professor Blank, found intriguing but had neither the time nor the inclination to tackle himself. His constant support and encouragement were no doubt required to keep the dispirited investigator at his bench. The professor's friendly criticism, if given at the wrong time, may eventually result in the ultimate indignity of a retraction, rounded off shamefacedly with "I thank Professor Blank for pointing out this error". What young scientist could ever recover from such a disgrace?

Some acknowledgments are blatantly political. Seekers after fossil man know that they may not be allowed near their precious sites again if obeisance is not done to their hosts. And palaeontologists, like geologists and some biologists, must always mention everybody who collected material for them; if they do not they may have to do the work themselves next time. As these contributors fill the final pages of their manuscripts with grateful thanks and grant numbers, they should reflect that acknowledgments consume each week almost a column of Friday *Nature*—the size of a small letter to the editor.

100 Years Ago



It savours of scholastic philosophy to speak of Nature as exercising any influence on the regeneration of races, and yet there may be sound philosophy in the old notion that when an individual or a class is in danger of being extinguished from want, Nature puts forward a special effort to preserve it. The sickly mother, the half-starved plant, is more likely to breed than the healthy and the vigorous. If we remove the peasant's family to the drawing room, it will cease to be composed of ten and twelve children. If we remove our daisies and cowslips to the greenhouse, their flowers grow double, and they ripen no seeds. The vine that has felt the frost is the one to pay the rent. Wherever we turn, in fact, we meet with examples of the universal law; and this law seems to be at issue with an important portion of Mr. Darwin's theory, namely, that in the struggle for existence, the vigorous, the hearty, and the well-to-do, elbow the weak and decrepid until they elbow them out of existence, and supplant them. If I have said anything above which can be construed into an impertinence, I unconditionally withdraw it. The only excuse for soreness, is an impatience at what seems to the writer to be indefensible dogmatism. The days will not be ripe for scientific dogmatism until the Infallibility of Positive Philosophers has been generally accepted, and it does not do to forestal that millennium.

From *Nature*, 4, 201, July 13, 1871.

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

SECRETARY-TREASURER: Robert T. Clarke
Mobil Research & Development Corp.
P. O. Box 900
Dallas, Texas 75221

VICE-PRESIDENT: Donald W. Engelhardt
Pan American Petroleum Corp.
Security Life Insurance Bldg.
Denver, Colorado 80202

EDITOR: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

June 23, 1971

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

Dear Al:

The items for your manuscript mentioned in your letter of June 18, 1971, are being taken care of. I sent the figure to Mobil for the addition of the word SLABS today.

Best wishes,

Dick

Richard W. Hedlund
Editor, A.A.S.P.

RWH:pr

Al:

*Sorry! I thought this letter had already been sent to you. Best wishes,
Dick*

COUNCILOR: George R. Fournier
Gulf Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

COUNCILOR: Paul S. Martin
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

COUNCILOR: David Wall
Woods Hole Oceanographic Inst.
Woods Hole, Massachusetts 02543

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Charles F. Upshaw
Pan American Petroleum Corp.
P.O. Box 591
Tulsa, Oklahoma 74102

VICE-PRESIDENT: George R. Fournier
Gulf Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

SECRETARY-TREASURER: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

EDITOR: Lewis E. Stover
Esso Production Research Company
P. O. Box 2189
Houston, Texas 77001

18 June, 1971

Dr. Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

Dear Dick:

Just grabbed some stationery, and look what I came up with. I am typing this myself to expedite things a bit. I just got back from several days in Michigan--was taking my mother home and helping her get her house set for the summer.

By odd coincidence there was in the same stack of mail with yours of the 11th re my paper one from Hsu, to whom I had sent a copy of the ms. for comments, some time ago.

Hsu very earnestly requests two changes, and I am hoping that at this stage it would still be possible for you to stick them into the manuscript as a favor to me:

1. He wants p. 2, line 22, to be changed from ".... from gravity sliding and mixing of allochthonous blocks,...." to: "from tectonic mixing of allochthonous blocks".

Hsu says that this represents his more recent thinking on the matter, and it would be best to keep the wording up-to-date.

2. He also says, "I just noted a mistake in your figure 2 which could easily be remedied, and should be remedied. You should add SLABS after the expression "FRANCISCAN" on the figure." (He says that intervening areas also include Franciscan rocks, but they are not slabs, rather even more sheared and broken up chunks.)

he means on the figure itself. Capricorn is a.k.

Can you please handle these with a pencil?--I gather that #2 is the more critical. Do we need to redraft at this end?

As ever, *AL*

Councilor: Paul W. Nygreen
Chevron Oil Company
670 First National Bldg.
Oklahoma City, Oklahoma 73102

Councilor: Marcia R. Winslow
2008 Mitchell Road
Lawrence, Kansas 66044

Councilor: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

Would appreciate

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

SECRETARY-TREASURER: Robert T. Clarke
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Pan American Petroleum Corp.
Security Life Insurance Bldg.
Denver, Colorado 80202

EDITOR: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

June 11, 1971

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

Dear Al:

This is to inform you that I am in receipt of the revised manuscript entitled:

"A case of marginal palynology: A study of the Franciscan melanges"

The manuscript reads well and will go to L.S.U. nearly unmarked. I have made only one comment in the ms:

p. 3, last par.: I have eliminated (with me) in the first sentence. This phrase is understood without inclusion.

Sincerely,

Dick

Richard W. Hedlund
Editor, A.A.S.P.

RWH:pr

COUNCILOR: George R. Fournier
Gulf Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

COUNCILOR: Paul S. Martin
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

COUNCILOR: David Wall
Woods Hole Oceanographic Inst.
Woods Hole, Massachusetts 02543

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
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SECRETARY-TREASURER: Robert T. Clarke
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VICE-PRESIDENT: Donald W. Engelhardt
Pan American Petroleum Corp.
Security Life Insurance Bldg.
Denver, Colorado 80202

EDITOR: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

May 27, 1971

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

Dear Al:

Enclosed please find the original and an edited copy of your manuscript entitled:

"A case of marginal palynology: a study of the Franciscan mélanges".

Please make the necessary revisions and return an original and one copy to me as soon as possible.

Sincerely,

Dick

Richard W. Hedlund
Editor, A.A.S.P.

RWH:pr
Encl.

Other business:

I am preparing a Newsletter and need to include the list of candidates for our next election. Please send in haste, if you have received it from Norm Norton.

Many thanks!

COUNCILOR: George R. Fournier
Gulf Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

COUNCILOR: Paul S. Martin
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

COUNCILOR: David Wall
Woods Hole Oceanographic Inst.
Woods Hole, Massachusetts 02543

12 April, '71

From

R. W. HEDLUND

Dear Al:

Now that the Easter rush is over,
I have time to write a few lines!
Hope you and your family had a
joyous Easter Day.

First, let me say that the meeting
in St. Louis was a winner! We
accomplished everything we came for.
Too bad the Newsletter came out
after the meeting, but our print
shop was very busy.

I am enclosing some assorted
"things" for your circular file—
Some happy - some sad.

It was good to visit with you
again. Best wishes to you and your
family.

Sincerely,

Dick Hedlund

ST. MARK'S EPISCOPAL CHURCH
 Dallas, Texas
 Vicar: Fr. Dennis Maynard
 THE FEAST OF THE RESURRECTION OF
 OUR LORD JESUS CHRIST

April 11, 1971
ORDER OF SERVICE

9:00 and 11:00 a.m.

- Prelude "Toccata" (Fifth Organ Symphony)
 C.M. Widor
- ✓ Preface for Easter Day J.H. Stubbings
- Processional "Fortunatus" Hymnal 87
- Collect for Purity P.B. 67
- Summary of the Law P.B. 69
- Kyrie Eleison "Oldroyd" Hymnal 715
- Collect for Easter Day
- The Epistle Acts 10:34-43
- Gradual Hymn "Easter Hymn" Hymnal 85
- The Holy Gospel St. Luke 24:1-10
- The Nicene Creed P.B. 71
- Sermon Hymn "Victory" Hymnal 91
- The Easter Message Fr. Maynard
- ✓ The Anthem "The Day of Resurrection"
 T. Matthews
- Presentation of Alms "Gardiner" Hymnal 732
- Prayer for Christ's Church P.B. 74
- Act of Confession P.B. 75
- Comfortable Words P.B. 76
- Sursum Corda Hymnal 734
- Sanctus and Benedictus "Oldroyd" Hymnal 716
- Canon of Consecration P.B. 80
- Prayer of Humble Access (unison) P.B. 82
- Agnus Dei "Oldroyd" Hymnal 717
- The Reception
- Communion Hymn "Victimae Paschali" Hymnal 97
- Ablutions Hymn "O Filii et Filiae"
 (v. 1, 2, 3) Hymnal 99

Prayer of Thanksgiving (unison) P.B. 83
 Gloria in Excelsis "Oldroyd" Hymnal 718
 The Blessing
 Recessional "Salve Festa Dies" Hymnal 86
 Postlude "Trumpet Voluntary in D" H. Purcell
 Coffee in the Blue Room after each service.

++++++
 KALENDAR:

Today: 9:00 a.m. Choral Eucharist
 11:00 a.m. Choral Eucharist
 5:00 p.m. Holy Eucharist

Easter Monday: 7:30 p.m. Evening Prayer
 8:00 p.m. Ventry Meeting

Easter Tuesday: 7:30 p.m. Evening Prayer

Wednesday: 8:00 p.m. Choir

NEXT SUNDAY: 9:00 a.m. Morning Prayer &
 11:00 a.m. Sunday School
 5:00 p.m. Evening Prayer

++++++
 Fr. Maynard will leave for a 10 day
 vacation this evening. In emergency contact
 Jim Galbraith, Senior Warden.

Pre-school and kindergarten children are
 excused to Sunday School classrooms at the
 sermon hymn.

Our appreciation to Dr. Richard Hedlund,
 Organist and Choirmaster, and to St. Mark's
 Choir who are assisting at both services this
 Festival Day.

We welcome our visitors and guests and
 ask that you please sign the guest register.

April 29, 1971

Dr. Richard W. Hedlund
Atlantic Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

Thought you might like to hear the following comment from Canright: "I finally got a reprint of my paper in vol. 1 of the AASP Proceedings today, 22 months from the date of submission of the manuscript. One line of type was dropped from the abstract--however, since you already have on record my gripes about the way the volume was handled, I'll not belabor the matter any further." How did we "drop a line"?

Hope all is well by you. It sure was good to see you again in St. Louis.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Esbeck
April 26, 1971
Fidelity Onion Skin
COTTON

Dr. Richard W. Hedlund
Atlantic Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

Thanks for the reprint of the paper about "Rugaepollis".
I suppose we will pick this up in the Catalog one of these years!
Funny they could spell Engelhardt correctly and blew Hedlund.

Just to keep you informed--the preparation of my little
paper for the Proceedings is in final stages of illustration
makeup, so you should be getting it in very short order. Sorry
that I have been one of my problem children, however.

I much appreciated your personal note of a little earlier,
and would like to tell you that I did remember the priest you
mentioned to me at St. Louis in my priestly function. Also,
both Betty and I enjoyed seeing your church bulletin very much.
It really seems that you are privileged to be associated with the
parish. We are off to diocesan convention (ugh!)

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/mdw

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

SECRETARY-TREASURER: Robert T. Clarke
Mobil Research & Development Corp.
P. O. Box 900
Dallas, Texas 75221

VICE-PRESIDENT: Donald W. Engelhardt
Pan American Petroleum Corp.
Security Life Insurance Bldg.
Denver, Colorado 80202

EDITOR: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

December 15, 1970

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

Dear Al:

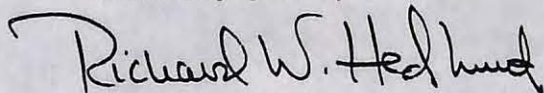
Plans are being made to publish Volume III of the A.A.S.P. Proceedings. This volume will contain papers presented at the Third Annual Meeting in Toronto.

Your presentation added materially to the success of the Toronto Meeting. I encourage you to publish your paper in its entirety in Volume III of the Proceedings. Please advise me on the enclosed form as to whether you plan to publish your paper in this volume. A return mail envelope is included for your convenience.

If your response is affirmative, send me the copies of your manuscript on or about February 1, 1971. Enclosed is a copy of the directions for the preparation of manuscripts. Please refer to these guidelines before submitting your manuscript to me in final draft form.

On behalf of the Executive Committee of the A.A.S.P., I extend thanks to you for your participation in the Third Annual Meeting.

Sincerely yours,



Richard W. Hedlund
Editor, A.A.S.P.

RWH:pr
Encl.

COUNCILOR: George R. Fournier
Gulf Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

COUNCILOR: Paul S. Martin
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

COUNCILOR: David Wall
Woods Hole Oceanographic Inst.
Woods Hole, Massachusetts 02543

December 9, 1970

Dr. Richard W. Hedlund
Atlantic Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

What's the latest information on contributions for the third Proceedings volume? Doubtless you have already said something to us about this, but I can't remember. I am planning to write up my little blurb on Hsü's Franciscan material, somewhat expanded from what was presented at Toronto.

Hope all is well with you and your family and that you will have a blessed Christmas and that 1971 will be the best year ever.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/mld

Hedlund

November 18, 1970

Dr. Richard W. Hedlund
Atlantic Richfield Company
Research Department
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

How are chances on extra copies of the 1970 "annual"? It would be very nice if my secretary could have one for use at her desk, which is a fair size romp from my office. Hope all is well with you.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

November 11, 1970

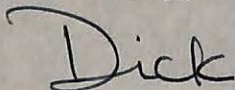
Dr. Alfred Traverse
Department of Geology and Geophysics
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

Will you please send me a group photo of the Second Annual Meeting, along with the photo identifications. It is needed for Vol. II of the Proceedings.

The "outside" readers' comments are already coming back on the papers for Vol. II. I have hopes that publication will be a lot faster on this one. (Let's hope so, anyway!)

Sincerely,



Richard W. Hedlund
Editor, A.A.S.P.

RWH:pr

Hedlund

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

November 10, 1970

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

Dear Al:

Enclosed find one copy of the A.A.S.P. Contributions Series No. 1.
I have only a few left but am planning to have some more printed.
We shall try to have all future numbers of this Series printed
gratis by one or another oil company, but I do feel that we should
be able to make some profit for the Association by charging a
nominal fee.

Sincerely,

Dick

Richard W. Hedlund
Editor, A.A.S.P.

RWH:pr
Encl.

October 29, 1970

Dr. Richard W. Hedlund
Atlantic Richfield Company
Research Department
P. O. Box 2819
Dallas, Texas 75221

Dear Dick,

Tate Ames has just called to my attention that "Contributions Series Number 1" would be very useful for the permanent files of the Catalog of Fossil Spores and Pollen. Is there any chance that we could have one extra copy for that purpose, if I don't mention to anybody that we are being so generous? Failing that, have we established any policy on sales price for individual copies of this and future numbers? Perhaps we should make that something to be discussed at St. Louis in March? If you are keeping a folder of possible agenda items, that would be a possible addition for it. Best wishes as always.

Yours very truly,,

Alfred Traverse
Professor of Geology and Biology

AT/mgw

July 28, 1970

Dr. Richard W. Hedlund
Atlantic Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

Enclosed is the revised manuscript of the Nichols-Traverse paper. Doug finally came last week, and we went over your comments, and jointly agreed on acceptable changes. I believe you will find that we went along with almost everything that you suggested. Table 1 has been redrafted per your suggestion, and I am enclosing an extra glossy of it in case you should want it for yourself.

Hope all goes well with you. Tate Ames has got the famous (infamous?) emblems drafted up, with considerable help from our draftswoman and photographer, and you should be getting word from him on that soon. I believe the final proposals should be reproduced in the Newsletter for comments and (?) a vote.

See you in Toronto.

Yours very truly,

Alfred Traverse
Secretary-Treasurer
Professor of Geology & Biology

AT:kc

Enclosures: manuscript
glossy of Table 1

cc: D.J. Nichols

July 17, 1970

Dr. Richard W. Hedlund
Atlantic Richfield Company
North American Producing Division
Executive Plaza
Post Office Box 2819
Dallas, Texas 75221

Dear Dick,

Thanks very much for the edited copy of the input, I was at first aghast at the number of annotations, but most are ok, being conventions. For instance, we repeat the generic name in a "cf'd" notation so that it will form the true binomial for use as a keyword-phrase (that is, on searching for Tricolpites sagax^{one} would not get a "hit" if it were Tricolpites cf. T. sagax, the computer not realizing that the T. = Tricolpites. Similarly, we omit "u" by convention in the fields \$SIZE and \$WALLTHICK, microns being understood in these numerical fields. Others are corrections of grammar, especially of erroneous pluralization or capitalization which although making us look stupid—at least would not create a query-retrieval problem. Some of the misspellings fall into this class (i.e. aperature). For no apparent reason, we transpose Roman numerals to the Arabic—the only advantage is in ease of proofreading—but we are far from adamant on this convention.

The errors that disturb me are those of the data, such as the misspelling of potential keywords and more especially of the descriptions. You changed around the descriptions of 2 forms quite a bit, although the data was altered appreciably only in one (partly due to a clerical error getting the order of phrases wrong. Regarding the misspelled keywords, only one (be_nissartensis) is our fault, the others being copied faithfully from the plate descriptions. Had we realized that they were "typo's" we'd have added the corrected spelling parenthetically following. But, let's face it Nilsson looks just as valid as Nilsson.

As you know, we did this in a hurry (while you were here, in fact), and never got to proofread it as well as we usually do (due to the office-move and vacations of 2 of us. Hence we probably would have caught most of the typographical-type errors. Nevertheless I am most unhappy about the "content" errors, and would appreciate your appraisal as to how serious the data-content corrections that you made were.

July 17, 1970
Page 2

Regarding the fossil content of the paper, you have a good point. Of course, the taxonomy of each form is noted, but a paper-level taxonomic evaluation would be of interest. Actually we have such a list (see Report III) as a part of information content but its fallen into disuse. I think we should revise it and use it.

Thank you very much for your time and effort. Bouncing the abstracts off people is our best way to get a candid critical appraisal (and if not candid it's meaningless).

I finally got some "hands-on" time on the system and it works well, including the data recursiveness I've been worrying about. Al seems to think that the demonstration would be best delayed until after school reopens in September. We will be in touch.

Sincerely,

Robert B. Sanders

RBS/klw



INSTITUTO MEXICANO DEL PETROLEO

AV. CIEN METROS NO. 500 ESQUINA CALZ. ATZCAPOTZALCO-LA VILLA
APARTADO POSTAL 14-805 MEXICO 14, D. F.
DIRECCION CABLEGRAFICA "IMEPET" TELEX 0-17-7-997

June 17, 1970.

Richard W. Hedlund
Editor, AASP

Dear Dick:

I am writing you for two purposes: First, due to the great acceptance of the Rueda-Gaxiola work "Una nueva clasificación morfológica sistemática para polenesporas fósiles.- Nomenclatura y Parataxonomía", published in 1969 by I.M.P., different authors and Institutions of several countries claim why do not publish this work in english language.- I want ask you the possibilites for to do so under the auspicious of AASP with some type of arrangement between the Society and the I.M.P. or in negative case, what kind of Institution in your country could help us with the publication of this work.- The work as you know has 166 pags, 6 plates and several tables.

Second, It is my feeling that the Nominating Committee could extend their period in charge for two years in stead of one, because I think that in the actual case it is little time to accomplish the problems of the society with more amplitude. Could this idea be proposed in the next meeting for you?

Cordially

E. SALAS

June 12, 1970

Dr. Richard W. Hedlund
Atlantic Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

Thanks for your lengthy letter of 5 June. Glad to hear that you had a good time with us. As I have already written you, it was a most enjoyable experience for the Penn State group.

Under separate cover, we are sending you a batch of the letterhead stationery.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT:kc



Atlantic Richfield Company

11 June, 1970

Dear Al:

Here are some extra copies of the latest blurb. I still have a few copies of the Newsletter, Vol. 3, Nos. 1+2 if you need them for distribution.

Many thanks to you and Betty for your excellent hospitality during my "return" to Penn State. I wish we lived closer so that we could get together more often.

Thanks also for the contraband music. It is much appreciated.

Best wishes,

Dick

Hedlund



June 5, 1970

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

Dear Al:

Small emergency-out of A.A.S.P. letterhead stationery. Please send a batch as soon as possible.

I enjoyed my short stay with you et al (pun) last week.

Sincerely,

Dick

Richard W. Hedlund

RWH/ks

June 4, 1970

Dr. Richard W. Hedlund
Atlantic-Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

All of us at the Palynological Laboratories at Penn State join in thanking you for your most enjoyable and most unselfish visit to our campus. I have heard nothing but favorable remarks about all aspects of the visit, especially the presentation at our house Friday night. One person, quite unsolicited, said that it was especially informative vis-a-vis industrial-academic relations. Since that was the avowed purpose of the meeting, I reckon you are in a position to take a bow! Speaking for Betty and me personally, I would like you to know how much we enjoyed your visit on both professional and social bases.

I hope that you were not offended that I had a student take you to the airport on Saturday. I thought that it would provide him a chance to get to know you somewhat, and he is a rather reticent individual. Besides, I had some very pressing matters to take care of at home on Saturday morning.

Doug Nichols called this morning, and I told him about your editorial suggestions. He will be coming through here in about a week, and we will go over the manuscript together. You should be getting it back before too long. I gather from the phone conversation that your stratigraphic suggestion meets with his complete approval.

Dr. Richard Hedlund
June 4, 1970
Page 2

Best wishes as always. Thanks again, and do plan a repeat performance before too long!

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:vsi

AASP
own file

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: George R. Fournier
Gulf Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

VICE-PRESIDENT: Geoffrey Norris
Department of Geology
University of Toronto
Toronto 5, Ontario
Canada

SECRETARY-TREASURER: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

EDITOR: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

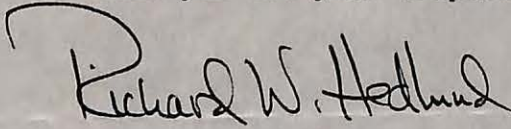
April 27, 1970

All Members of the A.A.S.P.

In order to make the A.A.S.P. Membership Directory a more useful reference, the next edition will include telephone numbers of Members in Canada and the United States. Please fill out the enclosed self-addressed post-card (Name, Telephone No.) and drop it in the mail. The telephone number should be that at which you can be reached during daily working hours and should include your area code. This is the only time you will be contacted for this information.

If you have changed your address, or if there is any error in the citation of your name or address in the 1969 Directory, please make corrections on the post card.

Thank you for your cooperation.


Richard W. Hedlund
Editor, A.A.S.P.

be

Councilor: Charles F. Upshaw
Pan American Petroleum Corp.
P. O. Box 591
Tulsa, Oklahoma 74102

Councilor: Daniel Habib
Department of Geology and Geography
Queens College of the City
University of New York
Flushing, New York 11367

Councilor: John W. Hall
Department of Botany
University of Minnesota
Minneapolis, Minnesota 55455

8-30 May, 1970

File Hedlund

VISIT OF DR. RICHARD W. HEDLUND

28 May

4:00 p. m. Arrive Mid-State Airport
Met by R. E. Dunay
Check-in at Sheraton, rm. 211

5:00 p. m. Deike 529 w. AT

6:30 809 Cornwall, w. AT

7:00 NLI--Dean's Annual Dinner

Then ad lib

29 May

a. m.

10:00/ with R. E. Dunay

11:00 with AT

12:00 lunch with AT, RBS, HTA

2:00 p.m. with RBS

3:00 with HTA

5:30 with Traverses to Cuffeys and Eutaw House

8:15 seminar at Chez Traverse

30 May

:34
10:30 depart Mid-State Airport. *J Wang*
AT drives.

R. Hedlund

PALYNOLOGICAL BLURE NO. 876

Dr. Richard W. Hedlund, of the Atlantic-Richfield Company Research Department, Dallas, Texas, will be visiting the Palynological Laboratories at Penn State on 28-29 May, 1970.

Dr. Hedlund has succeeded in getting his company to approve his presentation of the salient results of his work in the Cook Inlet area of Alaska--not quite Atlantic-Richfield's famed "ARCO Circle" but close to it and palynologically very hot.

The Cook Inlet presentation will be in the form of a seminar at Chez Traverse, 809 Cornwall Drive, Park Forest Village, State College, at 8:15 p. m., Friday evening, 29 May.

You are cordially invited to come, and I hope you can make it. See you then.


Alfred Traverse

Fidelity Original Skin
100% COTTON

April 23, 1970

Dr. Richard Hedlund
Atlantic-Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

I would like to invite you to visit Penn State sometime during the spring, if it is at all possible for you. I'm thinking in terms of about a two-day visit during which you would have time to talk individually with our little group of graduate students interested in palynology, present some sort of a seminar talk in an evening at my home (your choice of topics--almost anything au courant in palynology would be interesting to the group). I feel that such a meeting would be a valuable contribution toward a better interplay of ideas between the academic and applied phases of our research work. Unfortunately, it is impossible for me to offer you an honorarium for this seminar, although we would be able to cover your expenses while you are at Penn State. Do let me know if it is possible for you to come to our university for such a purpose--practically any time in May or early June would be all right, but we can discuss that later. We would enjoy very much having you, and once we get all the snow melted, you would even enjoy seeing spring a second time (I presume in another month it will be summer in Dallas!). Best wishes as always.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

From

R. W. HEDLUND

Dear Al:

Looks as if I goofed on an emotional matter! I shall send a short notice to the Membership to appease Doug. My information about Dunay came from my notes at the Chicago Meeting. (see encl.)
Mea culpa!

You should have heard from Bob Perkins by now - re: the colored plate. He promised to call you this week.

I am enclosing (along with Doug's letter) a revised suggested version of your letter of April 6. I would not show the original to management. Too many loopholes! If you would be willing to re-write and incorporate my suggestions, I shall give it a whirl through the appropriate channels. You should point up the

From

R. W. HEDLUND

Academic-Industrial relations bit —
and you should also sound extremely
poor (\$). It sounds like a great idea
to me and I should really enjoy
doing it.

Looking forward to our next visit.

Best wishes,

Dick

April 13, 1970

Dr. Richard W. Hedlund
Atlantic-Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

I enclose herewith two copies of Nichols and my paper for the Second Proceedings volume of AASP. When it comes out, in 1974, the information will probably be a bit dated, but that can't be helped! You will remember the previous discussion of the matter of a color plate. I have gone ahead and included it with the paper, but if such a project is impossible, the thing is set up so that all that needs to be done is to delete the plate and its caption page and the references to the plate, which occur parenthetically on pages 6 and 7. These could easily be blacked off.

Presumably, either Nichols or Dunay or both have already written you that some sort of a foul-up occurred regarding addresses of my two graduate students, Nichols and Dunay. Nichols is now at Arizona State and will go to Geneseo College in the fall. Dunay still has a couple of years to go on his Ph. D. However, late breaking news, Dunay will be spending much of next year in Vienna with Dr. Klaus. His semi-permanent address would still be University Park, however.

The job of editor must be a frustrating one, with so many people expecting so much and only certain things being possible of attainment. You have my sympathy, I can assure you! Best wishes as ever.

Yours very truly,

Alfred Traverse
Associate Professor of Geology & Biology

Enclosure: manuscript

cc: Nichols

own files

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: George R. Fournier
Gulf Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

SECRETARY-TREASURER: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

VICE-PRESIDENT: Geoffrey Norris
Department of Geology
University of Toronto
Toronto 5, Ontario
Canada

EDITOR: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

April 10, 1970

Dr. Douglas J. Nichols
Department of Geology
Arizona State University
Tempe, Arizona 85281

Dear Doug:

I apologize for the error in Volume 3, No. 2 of the Newsletter. This information regarding Bob Dunay appeared in my notes from the Executive Committee Meeting in Chicago.

Within the next two weeks I shall be sending requests for telephone numbers to the Membership. At that time, I shall include an "errata" sheet changing Dunay's address to Penn. State. Since your new address will be included in the 1970 Membership Directory (October), I shall leave your Arizona State address as is.

Sincerely,

Richard W. Hedlund ←

Richard W. Hedlund
Editor, A.A.S.P.

be

cc A. Traverse

Councilor: Charles F. Upshaw
Pan American Petroleum Corp.
P. O. Box 591
Tulsa, Oklahoma 74102

Councilor: Daniel Habib
Department of Geology and Geography
Queens College of the City
University of New York
Flushing, New York 11367

Councilor: John W. Hall
Department of Botany
University of Minnesota
Minneapolis, Minnesota 55455

not A780

CATALOG OF FOSSIL SPORES AND POLLEN



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

THE
INTERNATIONAL COMPENDIUM
OF
PALYNOLOGICAL SYSTEMATICS

April 6, 1970

Dr. Richard Hedlund
Atlantic-Richfield Company
P. O. Box 2819
Dallas, Texas 75221

Dear Dick:

In connection with the interesting revelations passed around at the recent Executive Committee meeting, I would like to invite you to visit Penn State sometime during the spring if it is at all possible. I am thinking in terms of about a 2-day visit during which you would have time to talk individually with our little group of graduate students interested in Palynology, present some sort of a seminar talk in an evening at my home (your choice of topics--almost anything au courant in Palynology would be interesting to the group). I have hesitated to ask people previously unless I had squirreled away some honorarium money, but if my ears served me correctly at the recent meeting I got the impression that people like yourself could actually get the trip paid for by the Company as a contribution to education in Palynology. Do let me know if this is possible. We would enjoy very much having you, and once we get all the snow melted you would even enjoy seeing spring a second time. (I presume in another month it will be summer in Dallas!) Best wishes as always.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT/mrw

CATALOG OF FOSSIL SPORES AND POLLEN

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



THE
INTERNATIONAL COMPENDIUM
OF
PALYNOLOGICAL SYSTEMATICS

April 3, 1970

Dr. Richard Hedlund
Atlantic-Richfield Company
P. O. Box 2819
Dallas, Texas 75221

Dear Dick:

This is just to get something in writing about the question of whether LSU could take care of a color plate for Nichols and my paper for the Second Proceedings volume. I should think that if we made a contribution for the cost of the plate it ought not to pose insuperable difficulties if the LSU Press is the going concern we have been led to believe it is.

Hope you had a happy Easter with your family. All was well here, EXCEPT we had almost a foot of snow! Temperatures today (Easter monday) started out at 10. Best wishes until we meet again.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT/mrw

March 25, 1970

Dr. Richard W. Hedlund
Atlantic-Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

As I think I told you at Chicago, the paper on Wilcox palynomorphs presented at the October convention by Doug Nichols, will be submitted to you for the second volume of the Proceedings as a joint contribution of Nichols and mine. Nichols has sent me his part of the contribution, which I will revise slightly and add a bit to, and you should be getting the whole thing before too long.

I also hope I can get the minutes of that meeting taken care of before you forget that it took place! Best wishes as ever.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology
Secretary-Treasurer

AT:kc

28 Assoc

THE AMERICAN SOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: George R. Fournier
Gulf Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

VICE-PRESIDENT: Geoffrey Norris
Department of Geology
University of Toronto
Toronto 5, Ontario
Canada

SECRETARY-TREASURER: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

EDITOR: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

March 10, 1970

Mr. Douglas J. Nichols
Department of Geology and Geophysics
Organic Sediments Laboratory
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Doug:

This is a reminder to send me your manuscript for Volume II of the A.A.S.P. Proceedings as soon as possible. The sooner we can send these to the L.S.U. Press, the earlier the volume will be published.

Sincerely,

Richard W. Hedlund ←

Richard W. Hedlund
Editor, A.A.S.P.

be

Councilor: Charles F. Upshaw
Pan American Petroleum Corp.
P. O. Box 591
Tulsa, Oklahoma 74102

Councilor: Daniel Habib
Department of Geology and Geography
Queens College of the City
University of New York
Flushing, New York 11367

Councilor: John W. Hall
Department of Botany
University of Minnesota
Minneapolis, Minnesota 55455

Atlantic Richfield Company

Petroleum Research Center
Geological Science Group
P. O. Box 2819
Dallas, Texas 75221

◆ 18 December, 1969

Dear Al:

I am in receipt of the letterhead stationery.

Many thanks!

Sincerely yours,

Dick

Atlantic Richfield Company

Executive Plaza
~~Petroleum Research Center~~
Geological Science Group
P. O. Box 2819
Dallas, Texas 75221

◆ 5 December, 1965

Dear Al:

I am in receipt of the stationery. Many thanks!
Could you send another bundle? I foresee
much correspondence for 1970, re: editorial
matters.

Best wishes,
Sincerely yours,

Dick

Atlantic Richfield Company

Petroleum Research Center
Geological Science Group
P. O. Box 2819
Dallas, Texas 75221

◆ 11 November, 1969

Dear Al:

Mr. Norum is alive and well in California! He resigned from an organization ^(A.A.P.G.) and the computer "printed him out" as deceased! A true case of mechanized murder. Best wishes.

Sincerely yours,

Dick

R. W. HEDLUND

AtlanticRichfieldCompany North American Producing Division
Post Office Box 2819
Dallas, Texas 75221
Telephone 214 747 6484

own files



October 29, 1969

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

Dear Al:

A personal word of thanks to you for providing the A.A.S.P. with a memorable location for the Second Annual Meeting. The Conference Center, lodging, food, and, most importantly, the camaraderie were unexcelled. Technically, the meetings certainly were up to the standards I hope we may always attain.

A special "thank you" to you and your wife for entertaining the members of the Executive Committee (past and present) during a most enjoyable evening. Your hospitality will be remembered.

Looking forward to seeing you in Dallas next month.

Sincerely,

Dick

Richard W. Hedlund

ns

September 19, 1969

Dr. Richard W. Hedlund
Atlantic Richfield Company
P.O. Box 2819
Dallas, Texas 75221

Dear Dick:

Thanks for the official results of the AASP election. I was delighted to learn of your own election. You will recall that I had certain fears and trepidations on the subject!

Of course now I can spend some time worrying about who abstained in the secretary-treasurer election! Really I'm too busy getting ready for the convention to worry about it very much.

I hope that work on the famous "redbook" is coming along well. We are still getting an occasional call for last year's book. Looking forward to seeing you at the AASP convention, I am

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kwc

over file

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Charles F. Upshaw
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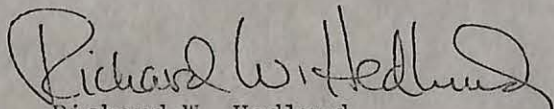
July 30, 1969

Members of the American Association of Stratigraphic Palynologists:

The Nominating Committee of the American Association of Stratigraphic Palynologists has submitted the slate of candidates for A.A.S.P. offices for 1970. Enclosed is the Ballot and a self-addressed return envelope for your convenience.

After voting, place the Ballot in the return envelope provided and sign your name on the envelope. Please do not sign your name on the Ballot. Return the Ballot to me before the final closing date of September 15, 1969. Ballots returned on or prior to the final closing date shall be valid; ballots returned later than September 15 shall not be valid.

Sincerely,



Richard W. Hedlund
Chairman, A.A.S.P. Ballot Committee

Enclosures (2)

Councilor: Paul W. Nygreen
Chevron Oil Company
670 First National Bldg.
Oklahoma City, Oklahoma 73102

Councilor: Marcia R. Winslow
2008 Mitchell Road
Lawrence, Kansas 66044

Councilor: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

Atlantic Richfield Company North American Producing Division
Post Office Box 2819
Dallas, Texas 75221
Telephone 214 747 6484

on file



January 2 1969

Dr. Charles F. Upshaw
Pan American Petroleum Corporation
Research Center
P. O. Box 591
Tulsa, Oklahoma 74102

Dear Charlie:

I have received and read the tentative versions of the ballots enclosed in your letter of 18 December 1968, and approve them as they stand.

Let us hope that the voting membership will take the time to read our rather verbose comments before marking their "X"'s.

Best wishes for a happy and successful New Year.

Very truly yours,

Richard W. Hedlund ✓

RWH:pc

cc: G. Fournier
A. Traverse ✓
L. Stover
M. Winslow
P. Nygreen

Hedberg

Personal
file

17 April, 1969

Dear Al:

The wheels of progress roll along and I have the overlay(?) finished. The reason I have not sent the whole schmear back is that I have not been able to identify ~~9~~ 9 of the people. The Mobil bunch is presently perusing the photo for possible completion.

I have included 200 copies of my attempt at the overlay (a few of us look the worse-for-wear). I hope the drawings are not terribly insulting — they were made completely sans emotion. Any similarity to persons quick or dead is quite coincidental.

Slightly amused at your comment about Tuexoba. He's a she! We'll keep that one to ourselves.

The letter from Bill Sirtt doesn't sound too promising, does it! Hope the



Long-Range Planning Comm. has some suggestions for us. We've got to keep our excellent non-paranoic organization going! After the "lecture" at Lawrence, I'm completely inclined to agree with your comments re: paranoia in the ranks! The results of the voting helped this inclination.

I am including a list of the people whom I could identify (with the help of Mobil). I believe you will be able to fill in your grad. students and perhaps a few more.

Best wishes

Dick

Adlund

Pan American Petroleum Corporation
Research Department
P. O. Box 591
Tulsa, Oklahoma 74102

2 June, 1967

Dear

Dr. Traverse:

I should appreciate receiving a copy of your paper

"Palynology of the surface sediments of
Great Bahama Bank, as related to water
movement and sedimentation." Thank you.

Sincerely yours,

Richard W. Hedlund

R. W. HEDLUND

Hunt Institute for Botanical Documentation

Pan American Petroleum Corporation
Research Department
P. O. Box 591
Tulsa, Oklahoma 74102

9 July 1967

Dear

Dr. Traverse

I acknowledge with thanks receipt of "Palynology of the

Surface Sediments of Great Bahama Bank, as related to water movement and sedimentation".

Sincerely yours,

Richard W. Hedlund