



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

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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.

To: "Alfred Traverse" <traverse@ems.psu.edu>
Subject: Re: info needed

Dear Alfred:

Nice to hear you again. I just got back from Oxford where the Third International Trilobite Conference was held during 2-6 April. Unfortunately the post-conference field trip was cancelled due to the foot-and-mouth disease.

I met Suk Whan Park last month at the Korea Institute of Geosciences and Mineral Resources (formerly Geological Survey of Korea). He is still working on coal-related research there, but as far as I know he didn't do anything about palynological studies. He told me that he took the palynology course in 1977 and then returned to Korea in 1978.

My daughter, Jean, is a freshman of the College of Natural Sciences, Ewha Woman's University, Hyo-Sook's alma mater, and wishes to major in Biology.

Good luck for working with the second edition of Paleopalynology and best wishes to Betty.

Duck *Choi*

To: <traverse@ems.psu.edu>
Subject: Re: request for info

Dear Alfred:

I am very glad to hear that you are doing fine and everything goes well. Looks like you are doing what you have been doing over the years.

Yesterday I tried to reach Suhk Park who is currently working at the Korea Institute of Geology, Mining, and Materials as a senior researcher, but I learned that he has been in the field for a few days. If I remember correctly, he was at Penn State during the academic year of 1978-1979. This means that he was enrolled the palynology course at Winter term of 1978. Anyway I will call him later to confirm the date and then I will write you again.

It would be a long trip to China. I have been to China a couple of times in 1996 and 1998, respectively. October is a good season to visit China. Although China is located close to Korea, culture is quite different from each other. But I am sure you enjoy China a lot: there are a number of things to see and so many different, sometimes quite interesting, meals.

Hyo-Sook is also quite busy in doing her own business. You probably remember she has learned the traditional Korean paper-art. Now she has got a license for teaching the paper-art and has a class for foreign residents in Seoul once a week. I think it is quite good for her, not simply because she is teaching the art but because she has an opportunity to practice her English. My son, Jihwan, is a freshman at the University of Seoul which differs from Seoul National University and majors in environmental sculpture. My daughter, Jean, is now 12th-grade and studies very hard to enter the college next year.

We have a plan to move to a newly-constructed apartment this coming December. We are currently living at 14th floor apartment, but my new apartment is located even higher 23rd floor, about 60-m-high from the ground. I cannot remember my new address and so I will let you know later.

This is all I can tell you at the moment. Thank you very much for your message and have a nice trip to China. Best regards to Betty.

Sincerely,

Duck
School of Earth and Environmental Sciences
Seoul National University
Seoul 151-742
Korea
Phone: +82-2-880-6737
Fax: +82-2-876-9798
E-mail: dkchoi@snu.ac.kr

PS: You may notice the name of organization has been changed. Last year SNU has been involved in restructuring the university system and consequently four Earth Science-related departments, including Geology, Oceanography, meteorology, and astronomy, were put together into the School of Earth and Environmental Sciences. Since the economic crisis (IMF) in 1998, every organization in Korea has been forced to remodel or restructure into a better shape. But what we do not know is which way would result in the better shape. For me, I am doing the traditional paleontology which, I believe, is still very important in understanding the geology of Korea.

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

7 August, 1996

Dr. Duck Keun Choi
Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul, Korea 151-742

Dear Duck:

I just can't believe that it's three months today since we arrived at Kimpo and met the two of you. What a great trip you gave us!

Since we got back we have been as busy as the proverbial one-armed paperhanger. At the moment Betty is in Chicago (by car), visiting old school chums. So, I am gardener, cook, house-cleaner, chauffeur, lab-assistant, etc. We just had a nice visit from our son, John, and his family (from Memphis), including two dogs. Fun but demanding.

Anyway, I finally have a few minutes to dash this off to you and to send you copies of pictures I thought you and Hyo-Sook would like to see. The two at the Reunification place are now among my favorite photos.

We'd like to hear how your son made out on the famous tests about which he was so worried.

All the best. Greetings to dear Hyo-Sook.

Yours very truly,

Alfred Traverse

enclosure: photos

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

11 June, 1996

Dr. Duck K. Choi
Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151-742, Korea

Dear Duck:

Maybe I already told you that I have a problem with the computer in my office. It turns out that it was vandalized and is a total loss. Unfortunately much of the work on it was not backed up because of a problem I was having with the tape backup. Included in that bunch of things were the letters I did just before the vandalism, including a long one to you. I will try to recreate part of it here.

When we packed up to fly to Seoul I somehow failed to put in my luggage two items that were for you:

1. a bronze key chain medal that this college had struck in honor of the centenary.
2. Geol. Soc. Amer. geological time scale, pocket-size, for your students.

I enclose these items herewith, after the fact!

The whole trip to Korea is fixed indelibly in my mind, though I have to have a map to get the right names attached to things. I even enjoyed all the stops on the highways because it was so interesting to watch the people and inspect the plantings and what was for sale. The one where we had to walk over the overpass to get to our restaurant, for example, was a fun place. Thanks so much to you and dear Hyo-Sook for a wonderful time.

All the best.

Yours very truly,

Alfred Traverse

encl.

Date: Thu, 25 Apr 1996 16:49:07 -0500 (EST)
From: "Alfred Traverse" <traverse@ems.psu.edu>
To: dkchoi@plaza.snu.ac.kr
Cc:
Bcc:
Subject: summary outline selection
X-NUPop-Charset: IBM 8-Bit

Dear Duck:

Thanks very much for letting me know about your selection. I plan to use a number of headline slides, interspersed with the pictures. If the audience have copies of the outline, with the headline slides, they should be in good shape.

It has finally warmed up. My Magnolia stellata is in full bloom and very beautiful--looks very oriental. Also, we have many hundreds of daffodils, cherry trees, and many other flowering things. Just a week ago we still had a little snow.

Celia and family are moving to Wisconsin this weekend. Husband moved quite a while ago, but Celia and two kids are with us now, while their house is being cleared by the movers. They will leave next Monday, exactly month before we take off for Korea. We are pretty much ready.

Best regards. Alfred.

Received: from plaza.snu.ac.kr (plaza.snu.ac.kr [147.46.80.220]) by pangaea.ems.
Received: (from dkchoi@localhost) by plaza.snu.ac.kr (8.6.12h2/8.6.12) id LAA128
From: dkchoi@plaza.snu.ac.kr
Date: Wed, 24 Apr 1996 11:28:04 +1000 (KORDT)
To: Alfred Traverse <traverse@ems.psu.edu>
Subject: Re: summary outlines
In-Reply-To: <42009.traverse@ems.psu.edu>
Message-ID: <Pine.A32.3.91.960424111232.35902A-100000@plaza.snu.ac.kr>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear Alfred:

This morning when I came in my lab, your fax was waiting for me. The fax reproduction is fine. I selected the topic on the sporomorph taphonomy, simply because students and other geologists at SNU may be more interested in or be more familiar with the taphonomic processes. I think the outline would be extremely helpful for understanding your lecture better. I appreciate your kind arrangement in this regard.

Do not worry about the magazine for projector. I have my own magazine in my office.

Thanks again. See you in Seoul. Duck

Duck K. Choi
Department of Geological Sciences
Seoul National University
Seoul 151-742, KOREA

Date: Tue, 23 Apr 1996 11:39:09 -0500 (EST)
From: "Alfred Traverse" <traverse@ems.psu.edu>
To: dkchoi@plaza.snu.ac.kr
Cc:
Bcc:
Subject: summary outlines
X-NUPop-Charset: IBM 8-Bit

Dear Duck:

Betty just came back from the fax room to report that copies of the two "summary outlines" for the lectures in Japan seem to have gone through to you in Seoul. Please let me know asap that they reached you, AND which one you wish me to give in Seoul. They are rather simple lectures, which seemed to me to be desirable, considering the language problem. Alas, the only language I can lecture in other than English is German!

Now I must get the illustrations ready! Did I mention that I will have standard 35mm. slides, but no magazines (too bulky to carry), so we have to program some time to get a magazine loaded, etc.

See you and Hyo-Sook soon. Best. Alfred.

Date: Fri, 19 Apr 1996 12:52:20 -0500 (EST)
From: "Alfred Traverse" <traverse@ems.psu.edu>
To: dkchoi@plaza.snu.ac.kr
Cc:
Bcc:
Subject: lecture, etc.
X-NUPop-Charset: IBM 8-Bit

Dear Duck:

I will fax you the outlines of both lectures in a couple of days. My host in Japan says that he will distribute copies to potential audience, so that they can have it in hand at the lecture and thus understand better.

Your plans for our visit are great, and we look forward to all with pleasure. It's good to know that Hoam has private baths. On a trip not so long ago to a European country we stayed a week in a museum's visiting science apartment. It was o.k. except no bath. The BR was at least 150 meters on the other side of the complex. It was odd, in pajamas, to walk through the dinosaurs on the way there.

I'll be back with the outlines as soon as possible.

Best. Alfred.

Received: from plaza.snu.ac.kr (plaza.snu.ac.kr [147.46.80.220]) by pangaea.ems.
Received: (from dkchoi@localhost) by plaza.snu.ac.kr (8.6.12h2/8.6.12) id LAA455
From: dkchoi@plaza.snu.ac.kr
Date: Fri, 19 Apr 1996 11:15:18 +1000 (KORDT)
To: Alfred Traverse <traverse@ems.psu.edu>
Subject: Re: impending visit
In-Reply-To: <36528.traverse@ems.psu.edu>
Message-ID: <Pine.A32.3.91.960419105602.149596A-100000@plaza.snu.ac.kr>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear Alfred:

Thank you very much for your messages. I am very happy to hear that you have no problems in long-distance flight and also accepted the offer to give a lecture. I appreciate that and it would be an honor for me. As you suggested, it would be a good idea that an outline for lecture is distributed in advance as most of our students are not familiar with the subjects you are going to address. In fact, I am interested in both topics. So, it would be very helpful for me to select the topic for your lecture at SNU, if you send me the outlines of both topics via e-mail. Personally I prefer the second one, "The accidental but critical roles of sporopollenin and euchitin in the interpretation of earth history". On the other hand, I suspect students and other faculty members in our department may be interested in more geological one, i.e., the first topic.

More important things. Firstly, please do not worry about the restroom. The Hoam Faculty House is a kind of hotel on the campus of SNU, built for the short-term visiting scholars some six or seven years ago. The room I reserved for you is a western-style room with its own bathroom. I should say this is not the high class hotel, but it is located in a very calm area and also is a convenient place for driving from the Airport and my apartment. There are a lot of rest areas on the way to Mt. Solark and to Kyungju, and we will stop as frequently as possible not just for rest, but for brief sightseeing. Secondly, do not worry about getting astray in Seoul. I will take care of you from your arrival until departure. On Tuesday (May 7), Hyo-Sook and I will be at Kimpo Airport to see you and will ride you to the Hoam, and we may have to have dinner on the way to the Hoam.

Now everything seems O.K. If you have further inquiries, please let me know.

Best wishes. Duck
Department of Geological Sciences
Seoul National University
Seoul 151-742, Korea

Date: Fri, 12 Apr 1996 14:19:23 -0500 (EST)
From: "Alfred Traverse" <traverse@ems.psu.edu>
To: dkchoi@plaza.snu.ac.kr
Cc:
Bcc:
Subject: weather
X-NUPop-Charset: IBM 8-Bit

Dear Duck:

Good to know that we won't need warm clothing--I may stick a sweater in anyway, just to be on the safe side--for the mountainous areas you mention.

We see news about Korea on TV, of course, but we know that they tend to overemphasize the bad news. The recent demonstrations by your neighbor to the north are hard to understand, as relations seemed to be moving to normalization.

Now that we have the problems ironed out, isn't this a marvellous means of communication?

Best. Alfred.

Received: from plaza.snu.ac.kr (plaza.snu.ac.kr [147.46.80.220]) by pangaea.ems.
Received: (from dkchoi@localhost) by plaza.snu.ac.kr (8.6.12h2/8.6.12) id KAA103
From: dkchoi@plaza.snu.ac.kr
Date: Wed, 10 Apr 1996 10:18:54 +1000 (KORDT)
To: Alfred Traverse <traverse@ems.psu.edu>
Subject: Re: weather
In-Reply-To: <57627.traverse@ems.psu.edu>
Message-ID: <Pine.A32.3.91.960410094653.114686A-100000@plaza.snu.ac.kr>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear Alfred:

Glad to hear you! In fact I have to write you in advance. During the last couple of weeks I was in the field with students for collecting fossils. It was also very cold with occasional snows, which is unusual in Korea. This year season appears to be slightly late, which means weather is colder than normal. However, I think we don't need to worry about the weather by the early May, because May is the most comfortable period in Korea.

So, you don't have to carry warm clothes. I am planning to take you some mountaineous areas for trekking and sightseeing. You may get the news that North Korea took some threatening actions lately. One of the areas we will visit is the Unification Observatory which is located just in front of DMZ and was built for observing the territory of northern part of Korea, which is probably the only isolated area in the world. The mountain near Unification Observatory is known as the most beautiful one in Korea. The scene is however very similar to Pennsylvania.

Best regards to Betty. Sincerely yours,

Duck K. Choi

Date: Tue, 9 Apr 1996 15:59:23 -0500 (EST)
From: "Alfred Traverse" <traverse@ems.psu.edu>
To: dkchoi@plaza.snu.ac.kr
Cc:
Bcc:
Subject: weather
X-NUPop-Charset: IBM 8-Bit

Dear Duck:

As I write it is snowing hard, as it has been doing almost continuously here since last Nov. 10.

Betty and I always travel light--meaning that we will bring only carry-on luggage to Korea. We have been assuming that it will be pleasantly Spring-like in Korea in early May when we arrive. Is this right, or should we try to bring some warm clothes too?

It is now getting down to less than four weeks until we see you. Very exciting!

All the best to you. Alfred.

Date: Mon, 26 Feb 1996 10:59:36 -0500 (EST)
From: "Alfred Traverse" <traverse@ems.psu.edu>
To: dkchoi@plaza.snu.ac.kr
Cc:
Bcc:
Subject: contact
X-NUPop-Charset: IBM 8-Bit

Dear Duck:

This morning when I came in to Deike Bldg. I checked my mailbox and found your fax of earlier today--this time quite perfect in every respect--no stripes of illegibility or anything like that. So I hurried to the office to turn on the computer which is tied up to e-mail to send you a reply. (We now have four computers!--two at the office and two at home.) When I "booted up," lo and behold, there was an e-mail message from you two. I printed out a copy and discover that it is the same as the faxed letter.

So, here we go--I hope this reaches you (please let me know when you get it--just a brief o. k. will do.)

Betty is carefully reading books about Korea. One of these days I will unearth the one you gave me long ago about the history of your country and read it again. It is hard to believe that it is now only a little more than two months until we arrive in Seoul.

We leave on 29 Feb. for a week's trip to Indianapolis and St. Louis--visits to an ancient cousin of Betty's in I. and to my sister and her ailing husband in S. L. While there I will as usual spend a day at the Missouri Botanical Garden.

Best to dear Hyo-Sook.

Cheerio. Alfred.

Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151-742, KOREA

Telephone: 880-6737 Fax: 876-9798 E-mail: dkchoi@plaza.snu.ac.kr

Prof. Alfred Traverse
Palynological Laboratories
435 Deike Building
The Pennsylvania State University
University Park, PA 16802
U. S. A.
Fax: 814-863-7823

February 26, 1996

Dear Alfred:

Again the convenient machine makes inconvenience. The problem appears to be caused by my laziness, not to inform you my revised e-mail address earlier. Last November SNU Computer Center provided a new e-mail address to me, while they said that the old and new addresses would run simultaneously until February 1996 and thereafter the new one will replace the old one.

Anyway I will try to contact you via e-mail first and then fax too. A couple of weeks ago a new FAX was installed at my office. In the following I will give you my telephone and fax numbers, and also e-mail address:

Home: 649-6515
Office: 880-6737
FAX: 876-9798
E-mail: dkchoi@plaza.snu.ac.kr

Anxious to see you in Seoul. Best wishes.

Sincerely yours,

Duck

PS If you are going to FAX me, you should dial 82(country code for Korea)+2(city code for Seoul)+876-9798

Received: from plaza.snu.ac.kr (plaza.snu.ac.kr [147.46.80.220]) by pangaea.ems.
Received: (from dkchoi@localhost) by plaza.snu.ac.kr (8.6.12h2/8.6.12) id LAA638
From: dkchoi@plaza.snu.ac.kr
Message-Id: <199602260235.LAA63892@plaza.snu.ac.kr>
Subject: reply to snail mail
To: traverse@ems.psu.edu
Date: Mon, 26 Feb 1996 11:35:11 +22326520 (KORST)
X-Mailer: ELM [version 2.4 PL21-h4]
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=iso-2022-kr

Dear Alfred:

Again the convenient machine makes inconvenience. The problem appears to be caused by my laziness, not to inform you my revised e-mail address earlier. Last November SNU Computer Center provided a new e-mail address to me, while they said that the old and new addresses would run simultaneously until February 1996 and thereafter the new one will replace the old one.

Anyway I will try to contact you via e-mail first and fax too. A couple of weeks ago a new Fax was installed at my office. In the following I will give you my telephone and fax numbers, and also e-mail address:

Home: 649-6515
Office: 880-6737
FAX: 876-9798
E-mail: dkchoi@plaza.snu.ac.kr

Anxiuos to see you in Seoul. Best wishes.

Sincerely yours,

Duck

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

1 February, 1996

Dr. Duck Keun Choi
Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151-742, Korea

Dear Duck:

We are just back from an 8000 mile trip to California via Grand Canyon, Petrified Forest, Death Valley, etc., etc.

I found your very nice greeting card here when we returned a few days ago. I tried to respond by e-mail, which is a very good way to be in touch--it's so fast--but, as you see, it didn't work. It seems that there is something wrong with the e-mail address I was using, which I have high-lighted in the enclosure. Could you e-mail me again with an up-to-date address?

We are now IN 1996, and we are already thinking of our visit to Korea and Japan. We will be arriving on 7 May and will be with you a week--I guess you have a copy of the latest version of the itinerary, in which we extended the time in Korea a couple of days.

Perhaps I should have telephone numbers as well, in case we need to get in touch with you fast--home and office numbers, please.

That takes care of it for now. Best to Hyo-Sook.

Yours very truly,

Alfred Traverse

enclosures: returned e-mail message and current business card for AT/EIT, with phone numbers.

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

13 Oct., 1995

Dr. Duck Keun Choi
Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151-742, Korea

Dear Duck:

My last letter to you was returned by the Korean postal authorities because I had apparently made a small numerical or other error in the address. I got the Korean student in a nearby office (J. Kim--says he knows you) to help me readdress it.

I hope this one makes it, as it contains the revised itinerary for our trip for May, 1996, when we will (God willing, as my father would say) visit you. We are already excited!

All the best to you and Hyo-Sook. We are, as usual, very busy--palytology course, Betty's work on publications that will come out of her thesis, grandchildren baby-sitting (that's what she's doing as I write). Last week we went to the Adirondacks to get our place there ready for the winter. Etc.

All the best.

Yours very truly,

Alfred Traverse

encl.: revised itinerary

Received: from cd4680.snu.ac.kr (cd4680.snu.ac.kr [147.46.10.10]) by pangaea.ems
Received: by cd4680.snu.ac.kr (8.7.Beta.10/8.710) id LAA22328; Mon, 25 Sep 1995
From: dkchoi@cd4680.snu.ac.kr (DuckKeun Choi)
Message-Id: <199509251825.LAA22328@cd4680.snu.ac.kr>
Subject: Re: contact
To: traverse@ems.PSU.EDU
Date: Mon, 25 Sep 1995 11:25:19 (PDT)
In-Reply-To: <47771.traverse@ems.psu.edu> from "Alfred Traverse" at Sep 25, 95 0
Content-Type: text

Dear Alfred:

Nice to hear from you immediately! Still there seems to be a problem which I can realize at the moment. Anyway I am sending a note confirming that your e-mail works. Your revised itinerary is just fine. Sooner or later I am going to set schedule during your stay in Korea.

I will be out of Seoul for a week for field work. I will leave Seoul on Wednesday (Sept. 27) and return on Tuesday (Oct. 3).

Hoping this e-mail works fine. Best regards to Betty. Sincerely yours, Duck

Received: from cd4680.snu.ac.kr (cd4680.snu.ac.kr [146.10.10]) by pangaea.ems
Received: by cd4680.snu.ac.kr (8.7.Beta.10/8.710) id NAA01536; Fri, 22 Sep 1995
From: dkchoi@cd4680.snu.ac.kr (DuckKeun Choi)
Message-Id: <199509222040.NAA01536@cd4680.snu.ac.kr>
Subject: E-mail of Duck K. Choi
To: traverse@ems.psu.edu
Date: Fri, 22 Sep 1995 13:40:42 (PDT)
Cc: Prof., Alfred, Traverse
Content-Type: text

Dear Alfred:

I received your letter of Sept. 6 which shows problem in fax transmission. do not know what causes the problem. I noticed it to department secretary who s the letter, but she couldn't figure out either. Anyway I am pleased to hear tha everything goes well now.

Fortunately my e-mail [dkchoi@cd4680.snu.ac.kr] is just set up. So this is first message to test how the e-mail works. I do hope it should not be interrup by mechanical problem.

Two weeks ago, all of my family members, 21 in number including mother, bro sisters, nephews and nieces, got together at my apartment on the occasion of Kor Thanksgiving Day (i.e., August 15 of lunar calendar). As you perhaps already kn it is our tradition that on the Lunar New Year's Day and Korean Thanksgiving Day the family members get together at the eldest son's house. Activities include preparing meals (It often causes Hyo-Sook's headache to think about how many and what kinds of dishes should be made), holding a memorial service for their ancestors, playing some traditional folk games, among others. My mother was ver pleased to hear that you will be here next May and hopes to see you and Betty. wishes.

Very truly yours, Duck

Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151-742, KOREA
FAX 82-2-871-3261

Date : August 30, 1995
To : Prof. Alfred Traverse
The Pennsylvania State University
Department of Geosciences
Palynological Laboratories
435 Deike Building
University Park, PA 16802
U. S. A.
FAX : 814-863-7123
No. of pages (incl. this page) : 2

Dear Alfred:

I apologize my laziness not to reply immediately and also the poor fax reproduction. I guess the poor reproduction may have been caused by our department telegraph. I was out of Seoul for a couple of weeks for field work. When I got back to Seoul, your second letter was waiting for me.

Although the fax reproduction was poor, you seem to read almost everything except a couple of figures. Anyway, I enjoyed to read your letter. I am also sending the previous letter for your reference.

Now regarding the schedule for your visit. The second week of May, 1996 seems to be fine at the moment. Four-days-visit however does not appear to be good enough to look around Korea. I think it may need at least two days to sightseeing Seoul and adjacent area. In addition, I am considering to show you beautiful mountainous resort area along the east coast of the Korean Peninsula and one of the ancient capitals where you may see what modern and ancient Korean life-styles look like. It would take three or four days, I believe. So if it is possible, please depart State College two or three days earlier than you are planning.

Best regards to you and Betty.

Very truly yours,

Duck K. Choi
Duck Keun Choi

Department of Geological Sciences
 College of Natural Sciences
 Seoul National University
 Seoul 151-742, KOREA
 FAX 82-2-871-3269

Prof. Alfred Traverse
 The Pennsylvania State University
 Department of Geosciences
 Palynological Laboratories
 435 Deike Building
 University Park, PA 16802
 U. S. A.
 (FAX 814-863-7823)

July 27, 1995

Dear Alfred:

I am very pleased to hear that you are planning to visit Korea next May. May is particularly a good time to visit Korea, as the weather is quite comfortable. As I wrote some years ago, I will arrange accommodation and tour courses. Especially, I would like to introduce you some typical, both modern and traditional Korean things, which you may enjoy very much. Above all, Hye Sook and I are anxious to see you.

I appreciate your consolatory words on the department's core tragedy. Aside from this, we experienced various kinds of accidents during the last couple of years. Personally, my father passed away two years ago by a traffic accident, although I do not remember if I wrote you previously. All other family members are fine.

Right now I don't have my own e-mail, but I expect it may be available during the latter part of this year. And then, we may communicate more conveniently. For the time being I will give you our department FAX No. (82-2-871-3269).

It was very delightful to hear that Betty got her Ph. D. in German literature. Congratulations!

Very truly yours,

Duck K. Choi
 Duck Keun Choi

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

17 August, 1995

Dr. Duck K. Choi
Dept. of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151-742, Korea

Dear Duck:

Was hoping to hear from you with a correct, legible fax number, but that hasn't happened. Presuming you get this, please let me know if you got the earlier letter with the explanation of what I could and what I could not read in the previous fax from you. It's quite possible that the fault lay solely in our fax-printer, but in any event I couldn't make out the return number for you.

Enclosed with this letter is the itinerary we have set up with the local travel agent. We considered many possible ideas, but this seems to be best, all things considered. We thought of flying to the West Coast and then relaxing for a couple of days before making the long flight to Korea. However, it is MUCH more expensive that way. Furthermore, now that Northwest flies out of State College, it has very good connections direct to Seoul, via Detroit, and that's what we will do, as you can see from the itinerary.

We will arrive on Tuesday, 7 May, 1996, at 7:00 p. m. (==19:00), Seoul time. I hope you can between now and then arrange a suitable hotel for us near where you and Hyo-Sook live, if that is possible. Walking distance would be nice. We like good, but not outrageously luxurious hotels. Your judgment, I am sure, will be fine.

We will leave for Tokyo on Sunday, 12 May, at 9:35 a. m. So, we have four full days in Korea. Should be enough to see a lot, but not so long as to "wear out our welcome" totally!

Do let us have another message from you, acknowledging that you got this, and that it's o. k. All the best to you and Hyo-Sook.

Yours very truly,

encl.:itinerary for AT/EIT

Alfred Traverse

FAXED TO 82-2-871-3269

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

pg. 1 of 1

6 Sept., 1995

Dr. Duck K. Choi
Dept. of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 141-742, Korea

Dear Duck:


Your fax letter of 30 August has the same basic problem as the other one--long blank stripes running from top to bottom, so it must be your machine. However, the stripes go through different numbers in the Fax number this time, so I can make out what it should be and will send this to that number. I will also send this by airmail to be on the safe side. Furthermore, as you say, I can get enough of the words to understand everything anyway--except the fax number the first time!

We are just back from an annual camping trip with our daughter, Celia, and her family. We always take it for Labor Day (first Mon. in Sept.) because I was born on Labor Day--1925. I remember you wrote me on my 60th birthday, saying that in Korea it is an occasion for stock-taking and celebration. I suppose that 70 is regarded as very ancient indeed! However, I can do everything I ever could, but I need more rest than I used to. My palynology course is going as usual, with 11 students.

You are very kind to think of spending so much time with us--I am flattered and happy. So, I just went to the travel agent. She says that to change the departure date would involve \$100 penalty for each of us, plus repricing of both tickets, perhaps quite a large sum of money. However, we can change the departure date from Seoul without penalty, and I have done that. We will arrive on exactly the same flight (Northwest 29, Tues., 7 May, 7:00 p. m.=19.00) per the itinerary I sent. We will, however, depart on Tues., 14 May, via Northwest 86 for Tokyo, at 9:35 a. m., instead of on Sunday, the 12th. That gives us the extra two days you suggested and still gets us to Japan about when we were originally expected.

Enough for now. Best to you and Hyo-Sook.

Yours very truly,


Alfred Traverse

Department of Geological Sciences
 College of Natural Sciences
 Seoul National University
 Seoul 151-747, KOREA
 FAX 82-2-871-3259

Prof. Alfred Traverse
 The Pennsylvania State University
 Department of Geosciences
 Paleontological Laboratories
 435 Deike Building
 University Park, PA 16802
 U. S. A.
 (FAX 814-863-7823)

Jul 27, 1995

Dear Alfred:

I am very pleased to hear that you are planning to visit Korea next May. May is particularly a good time to visit Korea, as the weather is quite comfortable. I will arrange for your accommodation and transportation things, which you may enjoy very much. About all, my family are anxious to see you.

I appreciate your consolatory words on the department's sore tragedy. Aside from this, we experienced various kinds of accidents during the last couple of years. Personally, my father passed away two years ago by a traffic accident, although I do not remember if I wrote you previously. All other family members are fine.

Right now I don't have my own e-mail, but I expect it may be available during the latter part of this year. And then, we may communicate more conveniently. For the time being I will give you our department FAX No. (82-2-871-3259)

It was very delightful to hear that Betty got her Ph. D. in German literature. Congratulations!

Very truly yours,

Duck K. Choi
 Duck Keun Choi

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

27 July, 1995

Dr. Duck Keun Choi
Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151-7_2, Korea

Dear Duck:

Your fax of today's date is in hand. Thank you very much. Unfortunately, parts of it are not legible, apparently because of problems in transmission (or it could have happened as a result of a problem with the PSU instrument--but I've never had any such trouble before). For example, the more complete postal code (before I had only "151" on your card) was garbled at the top of the letter. I'm pretty sure that the first number of the second part is 7, and that the last number is 2, but what is between them is unclear. The Fax number is not clear either above or in the body of the letter, but from comparing the two of them I am reasonably sure of all of the numbers except for the next to last one: 82-2-871-32_9. But that's not enough to send you a reply, I suppose. Fortunately there's still lots of time, so I can use ordinary airmail. Then you can try fax again and see if I don't get the remaining number.

When you get e-mail you will find it marvellous--I have been communicating with my friends in Kumamoto, Japan, for some time, and it works beautifully and instaneously. One of our sons has a laptop computer he takes with him on trips, plugs the modem into hotel/motel room phone sockets and sends us nice long letters.

The most garbled part of your letter was the first paragraph, of which only the first sentence, and the first nine words of the second sentence are more or less legible. The rest is obliterated, except for the last five words, "...are anxious to see you." That, of course, tells us what we need to know most urgently--that you will be in Seoul, and that we can visit you in May, 1996.

So, we can now begin to talk of details. We are going to be in Japan 14-25 May, 1996. My plan is for Betty and me to fly to

Seattle and spend a couple of days there, in order not to attempt to down the whole trans-America and trans-Pacific trip in one huge gulp. Then we'll fly to Seoul and later from Seoul to Tokyo, to arrive on 14 May. So, the question is: when would you suggest we arrive in Seoul? We know you are a busy man and can't give us vast amounts of your time. We would like to see what you think we should of your country, but we will need you and/or Hyo-Sook to show us around. As you know, I am especially interested in botanical gardens and arboreta. We are both interested in art and art museums. But in a new (for us!) country we will also be interested in just about everything--vegetation, people, etc.

Despite the poor reproduction, we were able to read about your father's death. I am very sorry to hear about this. I remember him so well sitting on our patio and telling me (through you as interpreter) that he liked our place. I was looking forward to seeing him in Korea, but alas that cannot be. If I remember my lectures from you and Hyo-Sook correctly, your father's death puts you in the "hot seat" as family head.

When I hear back from you about suggested dates I can tell our travel agent to start work on airline reservations, etc.

Betty was pleased by your congratulations, which were also legible enough (80% of letters) to be read.

Best regards to you and Hyo-Sook.

Yours very truly,

Alfred Traverse

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

10 July, 1995

Dr. Duck Keun Choi
Department of Geological Sciences
College of Natural Sciences
Seoul 151, Korea

Dear Duck:

Betty and I have been invited to visit palynological colleagues in Japan, approximately 16 May to end of May, 1996. I would like to travel to Japan by way of Korea and visit you (and Hyo-Sook) for a few days before we go to Japan. We hope to see a little of Korea while there and hope you will be able to help us in this way. Very roughly, I suppose we are talking about arriving something around the 10th and leaving about the 15th to fly to Tokyo. The exact dates are quite flexible at this point, as I understand it.

What do you think of this idea?

The news here is that we are still quite fit. I was forced to take "official" retirement on 30 June, which was also our 44th wedding anniversary. I will continue to give my palynology course and to have research projects. Betty got her Ph. D. (in German literature) at the May commencement. All four of our children and all seven grandchildren were present, as well as many other relatives and friends.

Do you have e-mail? It is the best way to communicate nowadays. How about fax? I would like both numbers, if you have same.

We were so sorry to hear about the department store tragedy. On the positive side, we celebrated our wedding anniversary with a trip to Vancouver, B. C., and rented a car out there. It was a Hyundai, and we thought it was marvellous!

Best wishes, also to Hyo-Sook.

Yours very truly,

Alfred Traverse

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

3 January, 1993

Dr. Duck K. Choi
1431-1403 Mog-dong Sinsigaji Apt.
Yangcheon-gu
Seoul 158-076
Korea

Dear Duck:

Your letter of 10 December interested and pleased us very much. No, I really have little notion of what your life is like now. I do occasionally hear rumors! There's a Korean grad student who works on this floor. He isn't especially friendly, but one day in the elevator he screwed up his courage and said, "You know Professor xxxx (didn't sound at all like Choi)?" The next few minutes were rather comical, but I finally figured out he was talking about YOU! Seven graduate students is an enormous load.

Your interest in trilobites is interesting news, but I'm afraid it will take you away from paleopalynology.

Do you have any mid to Late Ordovician? If so, any shales that might have been deposited near shore? If so, I'd like 2-3 samples to have a look for possible land plant hints. A recent grad student from Saudi Arabia and I have been looking at such from S. A.

I have previously told you that I have duplicate reprints and books in my palynological library that I could send if they'd be at all helpful, but I have never really picked up from you that your university really needs them.

It is true that I might get some funding from the Japanese to visit Japan next August. If so, the motivation is to get to Tokyo for the Int. Botanical Congress, at the end of the month. PSU's Fall Semester will already be in session, and I must leave even before end of the Congress. Before the Congress, for several weeks, I have to "sing for my supper" by giving lectures at a number of different places. All of this is by way of explaining that I can't visit Korea on this visit. Betty will not be with me. However, both Betty and I would like to visit your interesting country one of these days, presumably on my own nickel. On that trip we would go on to China afterwards. It would be great fun to see you and Hyo-Sook. I greatly appreciate your invitation for this coming summer, and I hope you will give me a "rain check" on the tours!

Choi, 3.I.93, pg. 2

Don't forget about the Ordovician samples. If something interesting comes of it, we could do a joint paper. I'd like that, as it never has happened.

Betty and I wish you and Hyo-Sook and the whole family a marvellous 1993!

Yours very truly,

Alfred Traverse

1431-1403 Mog-dong Sinsigaji Apt.
Yangcheon-gu, Seoul 158-076
KOREA

Dr. Alfred and Betty Traverse
R.D. 2, Box 390
Huntingdon, PA 16652
U. S. A.

December 10, 1992

Dear Alfred and Betty:

I apologize my laziness not to write you more often. As you perhaps well aware, I am extremely busy in supervising graduate students and doing some administrative things. Currently I am in charge of two-year-term chairman of our department and also secretary of two academic societies including the Geological Society of Korea and the Paleontological Society of Korea. In the mean time, I have seven graduate students: three are doing research on Tertiary palynology and four are involved in Cambro-Ordovician trilobites. You may be surprised how I can get into the study of trilobites.

When I joined the faculty of geology department, there was an on-going research project on the Cambro-Ordovician geologic evolution of Korean Peninsula in which most of our faculty members were involved. Hence, I had to work on the paleontology of the Cambro-Ordovician sediments. At that time I was looking for chitinozoans, but failed to find any palynomorphs. Instead, found were a fair amount of invertebrate fossils, mostly trilobites, in the field. The trilobites were then almost completely ignored by Korean paleontologists. I realized that the study of trilobites is very important in understanding the geologic evolution of Korean Peninsula and surrounding areas. I know I am not a trilobite specialist, but I, as a sole paleontologist in our department, have to devote myself to expand the program of paleontology. One of the tasks is the diversification of paleontological studies in Korea. This may explain why I am interested in trilobites as well as palynomorphs.

Now something on my family. Hyo-Sook and my kids are doing well. Hyo-Sook is indulged in church activities. She goes to church everyday and appears to be very happy with it. Jihwan, my son, is now sixth grade of elementary school and will enter junior middle school next year. He is taller than his mother and some years later will be taller than I. Jean, my daughter, is fourth grade of elementary school and just looks like her mother.

Last October, I met Dr. T. Kimura, a Japanese paleobotanist. He told me that he met you in IPC held at France and you may be able to be at XV International Botanical Congress, Tokyo next year. It would be great if you visit Korea before or after the Congress. Please let me know your schedule whenever everything is settled down. I will arrange accommodation and some tour courses. I am very anxious to see you in Seoul.

Merry Christmas and Happy New Year!

Duck
Duck and Hyo-Sook

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

12 February, 1991

Dr. Duck K. Choi
Dept. of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151, Korea

Dear Duck:

Your letter of 23 January was great fun. Betty and I especially enjoyed the photo of the children. We think Jean is a Choi and Jihwan resembles some male relative of Hyo-Sook, whom we haven't met. The huge stuffed puppy was impressive, as was Jean's dress!

The incommunicado bit re college entrance exams was confirmation that the Koreans are academic performers. I was also impressed that there would even be geology on the exam!

Good to know you can use the books and papers. I'll get at that in driblets as time permits.

Any progress on publishing some more of your thesis?

Regards to Hyo-Sook!

Best.

Yours very truly,

Alfred Traverse

P.S. I loved the bird stamps. Wish the plants were identified.

AT/et



DEPARTMENT OF GEOLOGICAL SCIENCES
COLLEGE OF NATURAL SCIENCES
SEOUL NATIONAL UNIVERSITY
SEOUL 151-742, KOREA

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

23 January, 1991

Dear Alfred :

Thank you very much for your letter of 5 December, 1990. Your letter reached to me early this year, which means it took about a month, just like surface mail.

During mid-November to mid-December 1990, I was a member of the College Entrance Examination Committee. Unlike USA, every Korean high school graduate must take an examination to enter a college-level institution. Each year the member of the Committee makes questions for the entrance examination in charge of his own subject: I was in charge of geology. Along with other members of the committee, I was completely isolated for about a month. No communication to the outside was possible. Although I missed Hyo-Sook and kids, even a telephone call was not allowed. This explains why my greeting card mailed so late.

I was very happy to hear that you can send me copies of many palynological publications. Currently I have directed two Ph.D. and three MS candidates. Although I have a fair number of papers (many of them are also your duplicates), access to the relevant literature is the major problem here. Thus I think your duplicates will be very helpful to my students. I appreciate again your kind consideration.

Enclosed is a photograph of my kids. Jihwan and Jean are now fifth- and third-grades, respectively. When we left USA, Jihwan was 3-years-old and Jean 11-months-old.

All the best to you and Betty.

Very truly yours,

Duck K. Choi
Duck K. Choi

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

5 December, 1990

Dr. Duck Keun Choi
Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151, Korea

Dear Duck:

We've acquired from several sources a large number of duplicate palynological publications (reprints, journals, books). I'm wondering how your library is coming along. Would you like to have these things, or would it be better to seek some other depository? Perhaps with Korea's new prosperity, your libraries already have everything! Supposing it turns out you already have these things, would you be able to put them in your university's library?

All the best to you and your family.

Yours very truly,

Alfred Traverse

AT/et

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802

(814)863-3419 or (814)865-6711

28 December, 1988

Dr. Duck K. Choi
Dept. of Geological Sciences
Seoul National University
Seoul 151, Korea

Dear Duck:

Enclosed are two copies of Research Penn State with an article that will interest you.

I believe you urgently need to get a monograph out based on your thesis, updating the dinoflagellate info and responding to the various critics. It would be great. It could be published by Geol. Soc. Amer. (Memoir) or Paleontological Research Institute (Ithaca, NY--I am a member), among other possibilities.

All the best to you for 1989.

Yours very truly,

Alfred Traverse

AT/et
encl: 2 copies of RPS

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

22 February, 1988

Dr. Duck Keun Choi
Dept. of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151, Korea

Dear Duck:

We really enjoyed yours of 20 February. I am impressed with your heavy schedule of work. However, there is one more thing you must do!--get a monograph out based on your thesis, with perhaps correction based on recent papers by Nichols, etc.--your story is still basically very good! (There is a 526 student this semester reprocessing several of your samples in order to do fluorescence-microscopy on the suspect dinos to confirm that they're reworked!).

All the best.

Yours very truly,

Alfred Traverse

P.S. Best to Hyo-Sook!

AT/et



DEPARTMENT OF GEOLOGICAL SCIENCES
COLLEGE OF NATURAL SCIENCES
SEOUL NATIONAL UNIVERSITY
SEOUL 151, KOREA

Dr. Alfred and Betty Traverse
R. D. 2, Box 390
Huntingdon, PA 16652
U. S. A.

Feb. 20, 1988

Dear Betty and Alfred :

Thank you very much for your letter of Jan. 20. Hyo-Sook and I really enjoyed reading it very much. Hyo-Sook said that your literary style is not easy to understand and it's like reading phrases of a classical literature (we read it over and over again and discussed what some sentences really mean-it was delightful). Anyway I love your forms of expression, which I wish I were able to do, too.

Please don't worry about being expunged your name from our list. Now I realize how tough being a professor is. In this regards, I respect you. Although it seems to be much less competent to maintain a professorship in Korea than in USA, I feel it is still much more stressful than any other jobs. As a sole paleontologist in our department, I have to work on various aspects of paleontology, including-apart from palynology-macroinvertebrates, microfossils, paleoecology, etc. To make things worse is heavy teaching load (three courses per semester !) and shortage of research facilities and literature. Nevertheless, I like this job, because still I am able to do something independently. Presently I have two MS and half a dozen of doctoral candidates (believe it or not !). Most of doctoral candidates were handed over by my predecessor.

Now, about my kids. Jihwan is in the second grade of elementary school and is about to get a black-belt in Taekwondo. Jean will enter an elementary school next year and grows up mimicking her mother.

Best ever.

Sincerely yours,

Duck K. Choi
Duck Keun Choi

Farley

THE PENN STATER

MAY/JUNE 1987

*File
Choi*

a.s.

NEW WOLFE

Thomas Wolfe's unpublished novel, *Good Child's River*, contains much of his best writing, says Suzanne Stutman.

Stutman, an associate professor of English at Penn State-Ogontz, is editing *Good Child's River*, transcribing it from three huge ledgers containing 2,500 yellowed pages of handwriting. Stutman has a good deal of experience with Wolfe's handwriting, which she calls "exquisitely difficult to decipher." She has edited the letters, postcards and cables sent between Wolfe and his mistress, Aline Bernstein, and in 1984 discovered a misfiled Wolfe letter in the New York Public Library.

In *Good Child's River*, Wolfe, who is known for *You Can't Go Home Again*, writes in the voice of Esther Jack. "Of all the characters in Wolfe's later writing," says Stutman, "Esther Jack, who was based on Aline Bernstein, is his greatest fictional creation."

Portions of *Good Child's River*, which Wolfe wrote between 1930 and '33, appear in *You Can't Go Home Again* and *The Web and the Rock*, as well as in the 1936 short story, *In the Park*. Stutman expects to publish her edition of the complete work in 1988.

SHEDDING LIGHT

In May 1985 a 15-foot tidal wave surged over the low-lying islands in the Ganges delta. The estimated death toll was 10,000 to 20,000; about 25 million were homeless.

Rescuers were less shocked by the physical condition of the peasants than by the desperation that had forced them to settle on islands wind and water would inevitably reclaim. Yet these islands are the most fertile land in Bangladesh, where nearly 100 million people are packed into an area the size of Wisconsin. With an annual population growth rate of 2.6 percent, the situation isn't getting any better. As *Newsweek* reported: "If 10,000 people perished in the storm, they were replaced in little more than a day."

Penn State economist Warren Robinson is working with the Bangladesh government's



Day care activities at the vocational training center in Nispara, Bangladesh.

Planning Commission to analyze the fertility impact of various development programs, including electrification of rural communities.

"Bangladesh has a good family planning program," says Robinson, "but people don't use it. The status of women has a lot to do with it. Until they're married and have produced sons, Bangladeshi women aren't considered very useful."

Electricity, Robinson found, "promotes aspirations in women because they realize things can be different. They are no longer afraid to go out at night. They make contacts, gain access to more information, and so are entitled to a larger say in household decision-making."

"Women in electrified households seem to want fewer children with higher educations, so they're more likely to practice family planning."

"Our conclusion is that development and family planning must go hand in hand to curb Bangladesh's growth rate."

EUREKA FOSSILS

Each winter, ice freezes in the crevices of a stream bank on Canada's Ellesmere Island. It crumbles the surface away and exposes fossils that seem out of place in these 80-million-year-old rocks: pollen and spores of alder, birch, beech, and hazelnut trees that must have thrived in the Arctic eighteen



Duck Choi '83g



Pollen sample fossils found in the Arctic imply some deciduous trees evolved there instead of in the tropics. These two are some 80 million years old.

Courtesy World Bank

million years before they appeared in more temperate latitudes.

Leo Hickey of Yale University and paleontologists from the Carnegie Museum of Natural History in Pittsburgh have directed several expeditions to Ellesmere Island. To help assign accurate ages to their fossils, they have called in Penn State's Alfred Traverse, an expert in the pollen and spores of ancient plants.

To date the rocks containing the enigmatic fossils, Traverse and doctoral student Duck Choi used microscopic fossils of single-celled marine organisms called dinoflagellates. "If we believe the dinoflagellates," says Traverse, "certain kinds of plants did not originate in the tropics as has always been thought. Maybe they evolved quite early in the north and then migrated south. That would explain the data we have."

"Heterochrony" is the name Hickey has given the theory. If it catches on, it could mean a radical new look at evolution. "In the Arctic, evolution proceeds in fewer jumps than it does in the tropics, and the total amount of change per jump is much greater," says Hickey. "We're contending that the main engines of evolutionary novelty are harsh environments like the Arctic."

THE PENN STATE

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

28 January, 1987

Dr. Duck Keun Choi
Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151, Korea

Dear Duck:

Enjoyed yours of 21 January. Dad's death was not a tragedy, as he had suffered so terribly. Nevertheless, we appreciate your words of condolence very much.

Good to hear of the cooperative work with Tom Ager. I am very happy about that.

Leo Hickey called yesterday. Among other things, he said that a new paleomagnetic survey seems to show that the critics were right, and the dinoflagellates probably are reworked, etc. Such is life!

If we get to China (a fairly big if!), we'd make every effort to visit you--what a thrill that would be.

Best to Hyo-Sook and the children.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



DEPARTMENT OF GEOLOGICAL SCIENCES
COLLEGE OF NATURAL SCIENCES
SEOUL NATIONAL UNIVERSITY
SEOUL 151, KOREA

Betty and Alfred Traverse
R.D. 2, Box 390
Huntingdon, PA 16652

Jan. 21, 1987

Dear Betty and Alfred:

We didn't realize you had a so difficult time during the last part of '86. We respectfully tender you and your family our condolence and sympathy, though it is too late. Even though we do not write you more often, we always think of you and State College. Especially whenever I look at the Moon, the Moon itself reminds me of you, just like when I looked at the Moon at State College, I used to think of my parents and home country.

The first thing I have to do this year is a cooperative work on evolution of triprojectate pollen group with Dr. Thomas Ager. Much progress has been made thus far. Dr. Ager sent me photos, residues and other informations of Alaskan samples.

If you have any chance to go to China, you MUST visit our country. As soon as your travel schedule is set, please let me know. I am going to try to get some financial support for your stay. At this time I am not sure it can be funded, but I think it may not be impossible. What a delightful it is, if we get together here and visit some historical and scenery places in Korea. Fall of Korea is especially beautiful.

All the best.

Love,

Hyo-Sook and Duck
Hyo-Sook and Duck



DEPARTMENT OF GEOLOGICAL SCIENCES
COLLEGE OF NATURAL SCIENCES
SEOUL NATIONAL UNIVERSITY

SEOUL 151, KOREA

Oct. 11, 1986

Prof. Alfred Traverse
Palynological Laboratories
435 Deike Building
The Penn State University
Univ. Park, PA 16802
U. S. A.

Dear Alfred :

I have seen C & S's article. I feel they simply discredited my interpretation, without providing any spatial relationship among their "three grains".

Now I will make a short note, dealing with the morphological evolution of the Paleogene triprojectate pollen and thus emphasizing the significance of *Novemprojectus*, which I already have shown in my thesis (Fig. 17). Dr. Ager's material will be very helpful in discussing the problem. Unfortunately, I do not know whether his Franklin Bluffs material has been published. If not, the best thing I think would be the illustration of his photomicrographs under his permission as well as the ESF photos. However, that may not be possible unless Dr. Ager and I jointly prepare an article. Personally I wouldn't mind making a cooperative work with him, if he agrees. Anyway in a letter to Dr. Ager (encl.) I only requested him to provide further information on his material. Line drawing would also be perfectly O. K. What do you think ? The basic scheme of my paper will be :

Introduction
Materials and Methods
Paleogene Occurrences of the Triprojectacites
Evolution of the Paleogene Triprojectacites
Discussion
Acknowledgements

I hope both of you are by now getting well. All the best !

Very truly yours,

Duck K. Choi

Duck K. Choi
Assistant Professor

DC/yk
encl.



DEPARTMENT OF GEOLOGICAL SCIENCES
COLLEGE OF NATURAL SCIENCES
SEOUL NATIONAL UNIVERSITY

SEOUL 151, KOREA

Oct. 10, 1986

Dr. Thomas A. Ager
Mail Stop 970
United States Geological Survey
Reston, VA. 22092
U. S. A.

Dear Dr. Ager :

I believe you probably have seen Catteral & Srivastava's article (Pollen et Spores 27 : 3-4, p. 391-412), in which they treated *Novemprojectus* as a cluster of three grains. But I do think *Novemprojectus* is not a cluster of three grains, but is definitely a single grain.

Firstly, *Novemprojectus* is the only type of triprojectate pollen found in the sample of middle Eocene age. No "monads" (=the grains isolated from the clusters in C & S's sense) have ever been found in the slide.

Secondly, if C & S are right, the central grain and two other ones must have identical morphologic features. However, *Novemprojectus* is not the case.

Thirdly, one of your photographs which you sent me (Oct. 23, 1985) clearly shows an intermediate stage between *Triprojectus* and *Novemprojectus*, in terms of secondary polar projection development.

Now I am going to prepare a short paper to refute the C & S's interpretation, dealing with the evolutionary lineage of Paleogene triprojectate pollen and thus emphasizing the distinctiveness of *Novemprojectus*. The best place to be published will be *Pollen et Spores*. I wonder if you have published the taxonomic work on the Franklin Bluffs material (your material will be very helpful in discussing the subject). If available, I would appreciate receiving a copy of your publication (or manuscript). If not, could you allow me to make some comments on your Franklin Bluffs stuffs? Any further information or help you might provide will be most gratefully acknowledged.

Thank you very much for your time and attention to this request. I look forward to your reply.

Very truly yours,

Duck K. Choi

Duck K. Choi
Assistant Professor

DC/yk

P. S. : I have moved from KIER to SNU this March.

16 September, 1986

Dr. Duck Keun Choi
Dept. of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151, Korea

Dear Duck:

By now you've probably seen Srivastava's article. If not, let us know, and we'll send a xerox.

The arguments you make in your good letter of 22 August should go in a note, also for Pollen et Spores, in which you might include some other info about triprojectates generally.

Thanks also for your nice birthday card for 7 September. We had to attend a departmental dinner at the Gubers' house, and didn't get our usual birthday dinner. So we planned a "make-up" dinner for yesterday, but we both got sick (some sort of virus). It's not meant to be!

Best to Hyo-Sook!

As ever,

Alfred Traverse
Professor of Palynology

AT/et



DEPARTMENT OF GEOLOGICAL SCIENCES
COLLEGE OF NATURAL SCIENCES
SEOUL NATIONAL UNIVERSITY

SEOUL 151, KOREA

August 22, 1986

Prof. Alfred Traverse
Palynological Laboratories
435 Deike Building
The Penn State University
Univ. Park, PA 16802

Dear Alfred :

Thank you very much for your notification on the subject of Novemprojectus. I have not seen Catterall & Srivastava's article, because Pollen et Spores 27 (3-4) has not yet been in our library. At this moment I cannot realize how they imagine Novemprojectus as a cluster of three grains.

If they are right, how they can explain the fact that no solitary grains (= the grains isolated from the clusters in their sense) have been found in the sample? In addition, Dr. Thomas Ager (USGS, Reston) has recently notified me the occurrence of Novemprojectus-type pollen from the Alaskan sediment of Paleocene-Eocene boundary age, which includes both typical Novemprojectus pollen and an intermediate form between Novemprojectus travesii and Triprojectus echinatus (see enclosure).

Therefore I think Novemprojectus is not a cluster of three grains, but is a distinct form, presumably evolving from the Triprojectus-lineage. More comments can't be done until Catterall & Srivastava's paper is available to me. If it is found they are completely wrong, we should respond.

Thanks again and best regards to Betty.

Very truly yours,

Duck K. Choi

Duck K. Choi
Assistant Professor

DC/yk
Encl.



United States Department of the Interior

GEOLOGICAL SURVEY
RESTON, VA. 22092

Mail Stop 970

Oct. 23, 1985

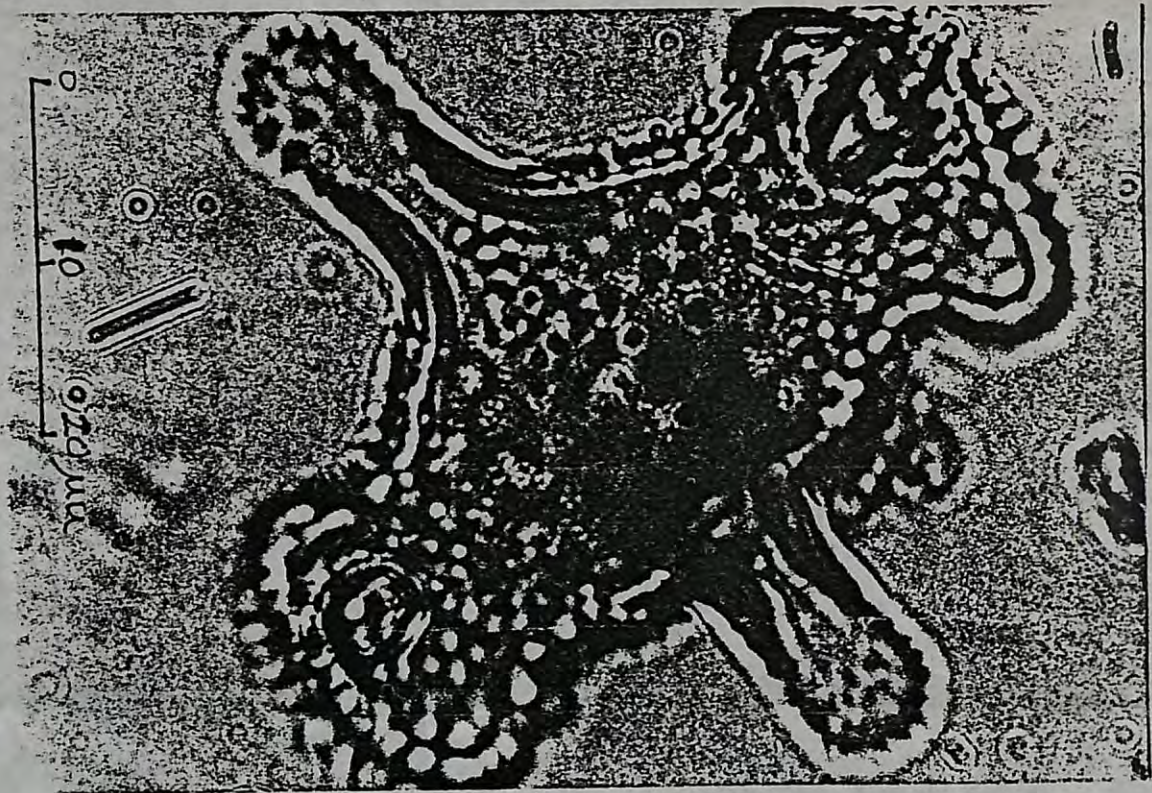
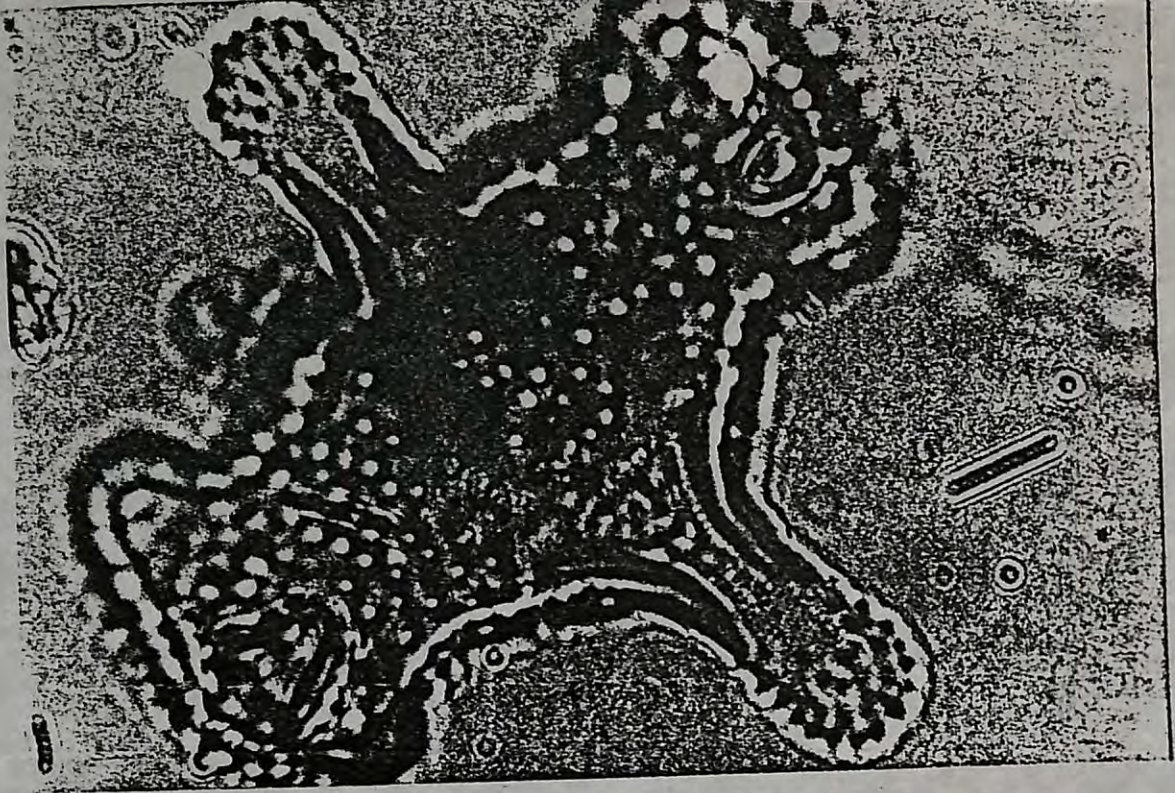
Dr. Duck Keun Choi
Korea Institute of Energy and Resources
219-5 Garibongdong
Gurogu, Seoul
Korea

Dear Dr. Choi:

I have been recently working on the palynofloras from several sites on the North Slope of Alaska. In deposits from Franklin Bluffs along the Sagavanirktok River, NE Alaska, we have recovered a beautifully preserved pollen, spore, and dinoflagellate flora that we interpret to be early to middle Eocene in age (abstract enclosed). One of the rare pollen types I encountered in the deposits is a triprojectate that appears to be very similar if not the same as your Novemprojectus traversii. What may also be of interest to you is the occurrence in an outcrop south of Franklin Bluffs specimens of two other species of triprojectate types that I am presently interpreting as of Paleocene-Eocene boundary age. Both these types appear to be related to Novemprojectus, and indeed, one of these types may properly belong to that genus. The other is perhaps not similar enough to include in Novemprojectus. These are not reworked specimens, but are in situ within the coal bed, with multiple specimens in all samples examined thus far. I thought you might be interested in seeing some photomicrographs of these interesting specimens. I would appreciate receiving your comments on these specimens if you care to make any.

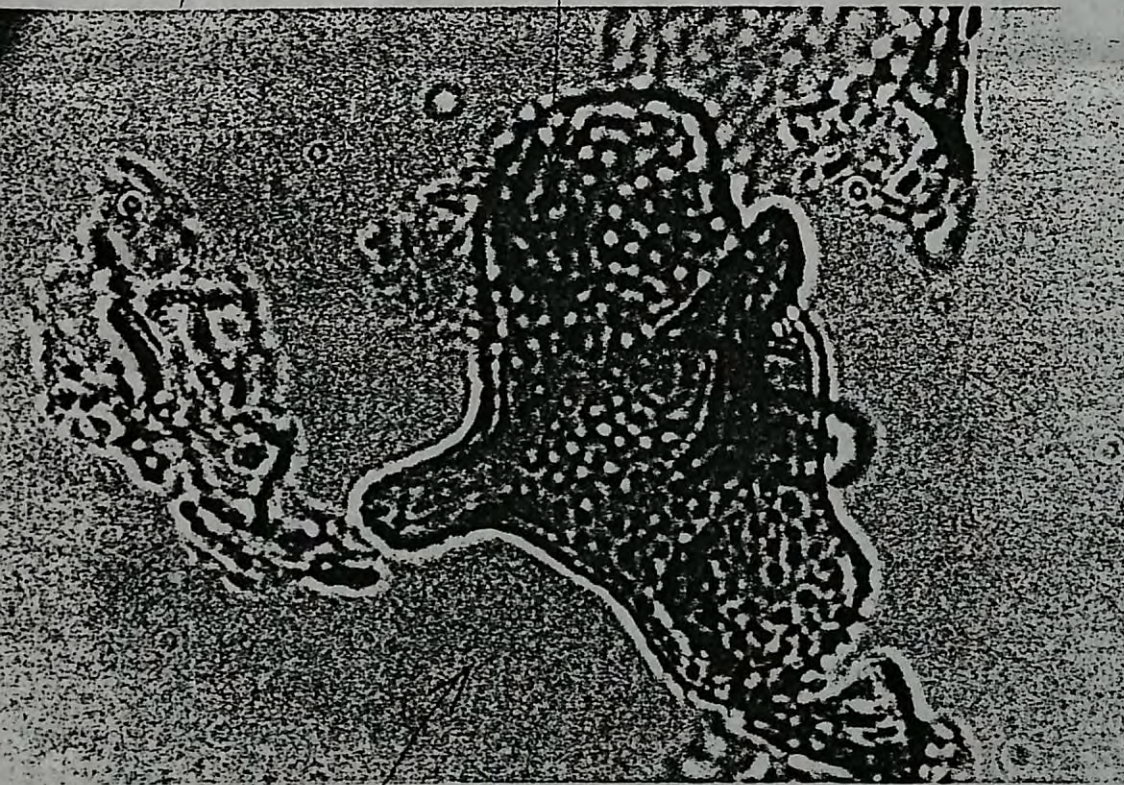
Sincerely yours,

Thomas Ager
Geologist
Palynology Laboratory



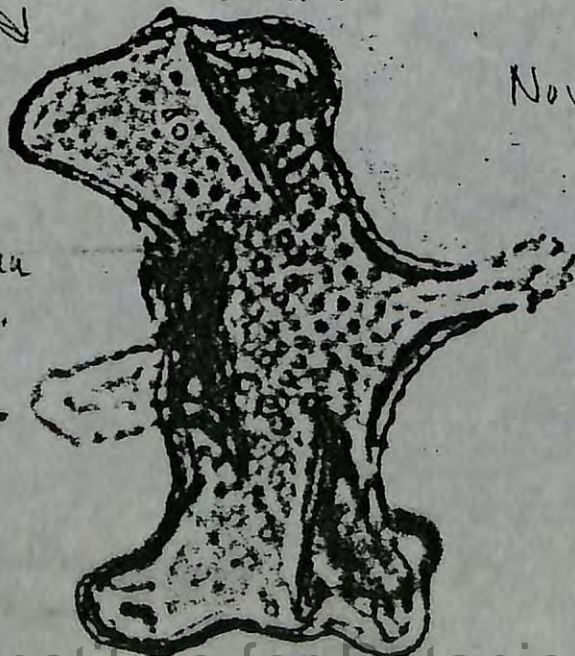
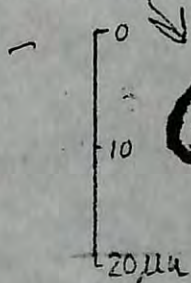
Novemporectus? from Paleocene - Eocene boundary
from coal outcrop south of Franklin Bluffs, NE Alaska

low projections



Aquilapollenites?
Paleocene - Eocene
boundary,
North Slope,
Alaska, south
of Franklin
Bluffs in
coal bed.

scale for both photos



Novemprojectus traversii?

Early - Middle Eocene
Franklin Bluffs
NE Alaska

11 August, 1986

Dr. Duck Keun Choi
Dept. of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151, Korea

Dear Duck:

Presumably you've seen Catterall & Srivastava (Pollen et Spores 27:3-4, 391-412) and their assertion that Novemprojectus is a cluster of three grains. What do you think?—I saw no evidence that more than one grain was involved.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

3 July, 1986

Dr. Duck Keun Choi
Department of Geological Sciences
College of Natural Sciences
Seoul National University
Seoul 151, Korea

Dear Duck:

Thanks for yours of 23 June. I am glad to know you are now established at SNU, though I still wonder why a research post was not more attractive to you--I have great respect for your judgment, however!

You seem to have other pipelines to PSU, so probably know most of the news. Yes, Ron got the USGS job and is now there (U.S. Geological Survey, MS 970, Reston, VA 22092). Volkan passed his defense 2 weeks ago and is now doing revisions. Carmen is just back from Evitt's short course. Farley is on vacation (in the Bahamas!).

The Collegian will probably have an article about you and your stay at PSU--I was interviewed about it a couple of weeks ago.

Betty and I have had a very difficult year, with family problems. Celia got married in Louisiana in June. We have been up to the Adirondacks doing repairs on our place there so it can be rented. We leave next week for Indianapolis and Michigan to care for our parents. Etc. But we are healthy and happy and can't really complain.

We send warm regards to Hyo-Sook, whom we remember with great fondness. Also to your parents.

If there is ever a way it could be financed, we'd like to visit Korea some day, but that's a big order!

Best wishes, as ever.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



DEPARTMENT OF GEOLOGICAL SCIENCES
COLLEGE OF NATURAL SCIENCES
SEOUL NATIONAL UNIVERSITY
SEOUL 151, KOREA

June 23, 1986

Prof. Alfred Traverse
Palynological Laboratories
435 Deike Building
The Penn State University
Univ. Park, PA 16802

Dear Alfred :

Above all I apologize for not writing you earlier. Teaching three courses makes me extremely busy and I cannot do anything but preparing lecture notes and materials. Now I realize how you were busy while I was there (I again greatly appreciate your kind consideration both in academic and in private lives at Penn State).

This semester I have taught three courses : Introductory Paleontology and Historical Geology for undergraduate, and Palynology for graduate. Palynology course especially gave me a hard time, because it was difficult to get proper laboratory materials and, to make things worse, we do not have a standard palynological laboratory. I guess it will take at least two years to set up a minimum-level palynological lab.

Is there any news there ? Carmen wrote me Ron would have a job at USGS. How's Volkan's work coming along ?

Best wishes to Betty and have a nice Summer vacation.

Very truly yours,

Duck K. Choi
Duck K. Choi
Assistant Professor

DC/yk

25 February, 1986

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

I return herewith the much travelled negatives for your thesis plates. I am embarrassed to say that I decided on cost-basis to use instead xerox copies of the existing photographic copies of the plates.

Let me know if you need or could use a copy (or 2 copies) of the thesis with the (quite good) xeroxed plates.

All the best. Regards to Hyo-Sook.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: negatives

26 November, 1985

Dr. Duck K. Choi
K I E R
219-5 Garibong-Dong
Guro-Gu, Seoul, Korea 150-6

Dear Duck:

When I got yours of 11 November I thought it would be about the negatives for your thesis--I hope my request to borrow them for a few days did get to you, and that I'll hear soon about that.

Your request for a "certificate of Ph.D." startled me some--you were supposed to get a diploma (most people frame them and hang them on the wall, but they're a perfectly valid "certificate"). I'm going to assume that you did get a diploma, but nevertheless need certificate of your degree in quadruplicate. [I phoned "Records" in Shields building about this, and they said that what you need are official copies of your transcript. They prefer to send them directly to the person or agency requesting them, but since we don't have the address of the Ministry of Education, I told Records to send the transcripts to you. They would not under any circumstances give us the copies to send to you, the idea being that people who handle the copies have an opportunity to alter them. Consequently, they are very particular about the way they deal with transcript requests. Hope you get them in time.]*

Thanks for good wishes. This year Thanksgiving is on the 28th, Betty's birthday the day after. We remember vividly when you were with us for Thanksgiving.'

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

* bracketed message from et. Hi! Thanks for birthday greeting.

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

Prof. Alfred Traverse
Palynological Laboratories
435 Deike Building
The Penn State University
Univ. Park, PA 16802

219-5, GARIBONG-DONG,
GURO-GU, SEOUL, KOREA 150-6

P. O. BOX: GURO 98, SEOUL
Cable Address: KIERSK
Telex No: K24337

Tel. No: 856-0041 ~7
854-5081 ~6

November 11, 1985

Dear Alfred:

I appreciate your letter of 23 October, accepting the word "period".

The one thing I would like to know is that there is anything like the certificate for Doctor of Philosophy which can be issued in the form of letter or other formal format from the Penn State. If any, would you send me four(4) copies of the certificate? (I hate to bother you, but I have to) They must be submitted to the Ministry of Education along with other materials soon. If everything goes well, I think my new address will be active by the end of this year or early of next year.

If my memory is correct, Betty's birthday is coming. Best regards to Betty. Also have a nice Thanksgiving Day.

Very truly yours,

Duck K Choi

Duck K. Choi
Geologist

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES

INTER-OFFICE CORRESPONDENCE

DATE: 26 November, 1985
FROM: Alfred Traverse *AT*
TO: Records, 112 Shields

re: transcripts for Duck K. Choi

As you can see from the enclosed letter, Dr. Choi needs four transcripts of his record while at Penn State. A check for \$8 is enclosed.

Based on a conversation I had with you a few minutes ago, I am including pertinent information:

his social security #: 172-60-7827

date of awarding of Ph.D. degree: Summer term, 1983

address to which transcripts should be sent: (as you can see from his letter, the transcripts are to go to the "Ministry of Education", but I was unable to locate the address, so you will have to send the transcripts to Dr. Choi. Over the phone you told me that they will be marked "furnished to student", but that can't be helped. Dr. Choi is in a great hurry for these transcripts, so we can't wait for another exchange of letters with the Ministry of Ed. address.)

Thanks very much. Send the transcripts to:

Dr. Duck K. Choi
K I E R
219-5 Garibong-Dong
Guro-Gu, Seoul Korea 150-6

4 November, 1985

Dr. Duck=K. Choi
E I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

Exxon made me four copies of your thesis by xerox, but it did not include the plates. Could I borrow the negatives for these in order to make my copies usable? I'll send you one of the finished copies, if you'd like it. Surely there were negatives made for the plates?

As ever.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

23 October, 1985

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

Thanks for yours of 10 October re my figure 107a, based on your data. I have changed "systemic" to "period" per your suggestion. (I chose "period" instead of "periodic" as Era is also a noun.) One of my current graduate students who saw your comment suggested keeping systemic and changing era to "erathemic"! I like your suggestion better!

Best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

2 September, 1985

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu. Seoul 150-6
Korea

Dear Duck:

As you can see from the enclosed xerox copy of a letter from Dr. Hueber, the USNM is after me for a set of duplicate slides (slides, not residues) from your work. Apparently such a set would satisfy their requirements. As you know, I have splits of your residues, but I am now unfunded and would have to make the slides personally. It would be hard to justify at the moment! Could you make up such a set, pack the box in styrofoam and send to Dr. Hueber, with a covering letter explaining whatever needs to be explained about the numbers, etc., with a copy to me?

Best wishes to you, Hyo-Sook and the kids.

As ever,

Alfred Traverse
Professor of Palynology

AT/et

encl: xeroxes of letters, and enclosures from Dr. Hueber

TO AT

DATE 22 July TIME 10:30

75

WHILE YOU WERE OUT

M. Jim Hillson

Of _____

Phone _____

TELEPHONED PLEASE RETURN CALL

CALLED TO SEE YOU WILL CALL AGAIN

RETURNED YOUR CALL RUSH

MESSAGE Sent Duck Choi

letter off air mail

Signed B.T.

The Standard Register Company

18 July, 1985

Dr. Duck Keun Choi
KIER
219-5 Garibong-dong
Guro-gu, Seoul,
Korea 150-6

Dear Duck:

Yours of 8 July just came. I called Dr. Hillson at home immediately, and he agreed to do a letter for you. We are making xeroxes of your pertinent letters, and your transcript, for Dr. H. Will hand carry to him and will emphasize the urgency.

Best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: Dr. C. J. Hillson

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

Prof. Alfred Traverse
Palynological Laboratories
Department of Geosciences
435 Deike Building
The Penn State University
Univ. Park, PA 16802

219-5, GARIBONG-DONG.
GURO-GU, SEOUL, KOREA 150-6

P. O. BOX: GURO 98, SEOUL
Cable Address: KIERSK
Telex No: K24337

Tel. No: 856-0041 ~ 7
854-5081 ~ 6

July 8, 1985

Dear Alfred:

Thank you very much for your immediate reply. Prof. Kim told me that your letter has been in.

No answer from Dr. Hickey yet. He might still be in the Ellesmere. I am very anxious to have a second letter of recommendation, because the deadline for application is July 31, 1985. Dr. Cuffey cannot be reached until July 20, as I have learned from your letter. So, I am now thinking of Dr. Hillson, because I took a couple of his courses and he was one of my committee members. Would you mind if I ask you contact Dr. Hillson and explain what the situation is going on. The letter should be sent to the following address:

Prof. Bong Kyun KIM
Department of Geological Sciences
College of Natural Sciences
Seoul National University
San 56-1, Sinrim-dong, Gwanag-gu
Seoul, KOREA

The chair I am applying is one of the most coveted position in Korea and I think teaching at alma mater is also honorable.

Best wishes to Mrs. Traverse and look forward to hearing from you soon.

Very truly yours,

Duck K. Choi
Duck K. Choi

13 June, 1985

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul, 150-6
Korea

Dear Duck:

Thanks for yours of 30 May. Betty and I have been in Indiana getting her parents into a retirement facility--a sad and difficult business.

I will immediately write a glowing recommendation for your application to be a professor--and I very much hope you get it--if my letter would do it, "you're in"! On the other hand, it could be argued that a geological survey is really a better place for your combination of talents and personality. There are presumably factors (pay?) that influence your decision but are unknown to me.

Cuffey is a good choice for your additional letter. I believe a letter to Hickey would still reach him. Cuffey is also in the field (Tahiti). * Better warn Prof. B.K. Kim that #2 and 3 letters could be delayed.

I still feel that a monograph would be best for your thesis, especially if it could be put out quickly in Korea (at no expense to you?). On the other hand, a series of shorter papers would also be very acceptable. I'd say make a choice and get it done, one way or the other, and don't agonize too much over the decision. The monograph route would take less time, I would think?

The Chois continue to be very much missed by the Traverses and others. Best to Hyo-Sook.

Yours very truly,

Alfred Traverse
Professor of Palynology

*Cuffey doesn't return until
20 July.

AT/et

for Choi!

12 June, 1985

Prof. Bong Kyun Kim
Department of Geological Sciences
Seoul National University
San 56-1 Sinrim-dong, Gwanog-gu
Seoul, Korea

Dear Prof. Kim:

It has come to my attention that Dr. Duck K. Choi has applied for a position as assistant professor in your department. It is a great pleasure to write you in support of Dr. Choi's candidacy for this position.

As you perhaps know, Dr. Choi did his Ph.D. work under my direction here at Penn State (1979-83). I have had many graduate students over the years, but none whose memory here is more pleasant. Duck was an excellent student, imaginative, resourceful, dependable. His doctoral dissertation is a monumental effort in the field, and a nicely put together piece of work. It will long be a standard here. Copies are frequently borrowed by universities, government surveys and oil company laboratories.

Although Dr. Choi never became really facile with spoken English, his written English is as good as that of any American student I have had. That he is linguistically talented is shown by the remarkable job he did here in German and Russian, translating them into English! From talking with Duck one would never realize what a gifted linguistic scholar he is.

Duck's careful treatment of all scientific matters set a standard here-- painstaking accuracy, attention to detail we could all emulate. His performance in highly competitive courses at Penn State was exemplary. The only non-honor grade he obtained happened because of a misunderstanding which the professor much regrets.

All in all, I believe your university would greatly enhance its faculty in geological sciences by selecting Duck Keun Choi. I recommend him to you without reservation.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

Prof. Alfred Traverse
Palynological Laboratories
Department of Geosciences
435 Deike Building
The Penn State University
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219-5, GARIBONG-DONG,
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P. O. BOX: GURO 98, SEOUL
Cable Address: KIERSK
Telex No: K24337

Tel. No: 856-0041 ~7
854-5081 ~6

May 30, 1985

Dear Alfred:

Time flies like an arrow. It is already in the middle of the year.

First of all I must say I am going to apply for an assistant professorship of Department of Geological Sciences, Seoul National University, my alma mater. It is required to submit two letters of recommendation by professors of paleontology and closely related fields. So, I am thinking of you and Dr, Leo J. Hickey. Deadline for application is July 31, 1985, but I am planning to submit all the materials (including application form, vita, list of published papers, transcripts and letters of recommendation) by the end of June hopefully. Now what I worry about is that Dr. Hickey may be out of country by this time. He wrote to me he would get back to the Ellesmere Island this summer to do the paleomagnetism. If I cannot reach him, I would like to ask Dr. Cuffey write a letter of recommendation. Do you think it is O.K.? If you by chance learn Dr. Hickey is already up there, please let me know. The letter of recommendation should be forwarded to the following address:

Prof. Bong Kyun Kim
Department of Geological Sciences
College of Natural Sciences
Seoul National University
San 56-1, Sinrim-dong, Gwanag-gu
Seoul, KOREA

Secondly re my thesis. Little progress has been made in preparing the manuscript for publication. In fact it is not easy to decide which way would be better. As you wrote, monograph is the best, but palynological and micropaleontological journals would be good places for wider circulation. Chopping it up into several parts, such as 1) microplanktons, 2) fungal spores, 3) fern spores and pollen, and 4) biostratigraphy and paleoecology, is also considerable. More advice is greatly acknowledged.

Best regards to Betty and colleagues and looking forward to hearing .

Very truly yours,

Duck K. Choi
Duck K. Choi

25 March, 1985

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

It is embarrassing that I take so long to answer letters, but you've seen the situation and understand. It's especially bad in Spring Semester, with Geosc 002 going full blast (125 students), as well as 526 and all other things. So, thanks for yours of 29-I-85 and here goes:

The Cretaceous stuff you're working on sounds very interesting--from what you say probably Barremian?

Thanks for nice comments about our place on the hill. We only feel bad that there wasn't time for more visiting. We have, by the way, two problems there at the moment. We had a flue (chimney) fire in January and must have the chimney rebuilt. And, the aluminum siding has disintegrated and must now be replaced. That's a lot of cash! Otherwise we are o.k. A third grandchild is on the way.

Re your thesis. I believe it can be condensed considerably for publication. The ideal place would be Paleontological Institute, where Stanley's Fort Union monograph appeared. However, we would have to find something like \$1000 to subsidize it--I presume you don't have the=\$, and I certainly don't. Another possibility, as it is a study of Canadian material, would be the Canadian Geological Survey. If you will give me permission to do so, I'll look into that. Either of those would be my first choices, as they would mean publication as a monograph, whereas the various journals would require chopping it up. That you can do it gladdens my heart! It is also very important to you professionally.

I am delighted that Novemprojectus is out. Now we'll see whether Srivastava publishes a rebuttal! Thanks for the acknowledgment in the other paper on tasmanitids, which I hardly deserve but greatly appreciated!

Best regards to dear Hyo-Sook.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

Prof. Alfred Traverse
Palynological Laboratories
Department of Geosciences
435 Deike Building
The Penn State University
Univ. Park, PA 16802

219-5, GARIBONG-DONG,
GURO-GU, SEOUL, KOREA 150-6

P. O. BOX: GURO 98, SEOUL
Cable Address: KIERSK
Telex No: K24337

Tel. No. 856-0041 ~7
854-5081 ~6

January 29, 1985

Dear Alfred:

During the last couple of months, I have been very busy for preparation of annual report of KIER. In addition I am presently working on my own projects which deal with Cretaceous and Miocene palynomorphs. Preliminary results reveal that Korean Cretaceous sediments yield a few interesting early angiosperm pollen such as Clavatipollenites and Retimonocolpites. No tricolpate forms have been found yet. Miocene stuffs are not so interesting, but it seems to be worth to study.

Your beautiful Christmas card is still hanging on my living room. The house on the hill often makes us to recollect those days when my family had a good time.

Regarding the publication of my thesis, I may have to work on that as soon as possible. Please advise me which publication will be the best for the purpose. Within one year I may have to change my job, possibly for teaching at the university. Therefore, I think 85' is the best for doing that work.

Best wishes to Mrs. Traverse, Ron, Carmen, Volkan and colleagues.

Sincerely yours,

Encl.: Two reprints

Duck K. Choi
Duck K. Choi

16 November, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoull150-6,
Korea

Dear Duck:

Thanks for your letter of 23 October. I am reading and answering mail today for the first time in a month, so haven't come to yours of 18 October yet--it's probably in the pile somewhere.

Thanks for additional info about the slides.

Jiang Dexin has already gone back to China--she could only stay a month after the great trouble and expense of coming. We like her very much. I'm sure she would help you with Chinese literature. If you could write her directly, the address is:

JIANG Dexin
Lanzhou Institute of Geology
Chinese Academy of Sciences
Panxuan Road, Lanzhou, Gansu
People's Republic of China

On the other hand, if I can help in any way in this matter, let me know more or less exactly what you want, and I'll do what I can.

At the meeting one speaker showed slides with two little holes punched in, just like yours--they were 10 μ m apart. Maybe that's what yours were too?

I spent a day with Leo Hickey recently--he urges me to get you to publish your thesis--he has more data and, though he still thinks there is heterochroneity, he is willing now to consider that the dinos are reworked. However, you could publish your flora anyway, noting the possibility of reworking as well as the contrary possibility.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

16 November, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

As I work down "stratigraphically" in my pile, I have now reached yours of 18 October?

Congratulations on the "PSK"--and your election as a fellow, etc. Do you have an extra copy of the field guidebook you prepared? If it's in English, or partly in English, I'd probably profit from studying it.

It would be fun to attend a future meeting of the organization--perhaps present something too? Dr. Jiang is very eager for us to visit China, so we should perhaps do it all at once?

Best to your dear family.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. Now that I know what those slides were--work of D.K. Choi!--I have gone through them and have determined, as I suspected, that some are, despite being not quite up to your high standards, nevertheless good enough for use as examples in 423. (The others I have now thrown out!) Thanks very much for the info, and for the slides.

**KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)**

Prof. Alfred Traverse
Palynological Laboratories
Department of Geosciences
435 Deike Building
The Penn State University
Univ. Park, PA 16802
U.S.A.

219-5, GARIBONG-DONG,
GURO-GU, SEOUL, KOREA 150-6

P. O. BOX: GURO 98, SEOUL
Cable Address: KIERSK
Telex No: K24337

Tel. No: 856-0041 ~ 7
854-5081 ~ 6

23 October, 1984

Dear Alfred(!):

I think you already received my letter of October 18, 1984. I am now working on two things: a talk for annual meeting of the Geological Society of Korea and manuscript for proceeding of the Paleontological Society of Korea as I wrote earlier.

This is the answer for your questions. Slides 51-1, 51-2, 51-3, ... mean the first, second, third, ... slide of sample 51. I have made several slides from each sample, if necessary. Therefore, slides you have are simply duplicated ones from all macerations. As you think I am at present keeping all of the original slides.

It is nice to hear that chinese palynologist, Jiang Dexin, has finally arrived at Penn State. I would like to say "Hello!" to Mrs. Jiang Dexin. While I am studying on the Early Cretaceous Palynology of the Far East, I have found that most chinese publications are not available to me, although palynological results in China would have prime importance in interpreting the evolution of Early Cretaceous palynofloras in East Asia.

All the best.

Very truly yours,

DC/shs

Duck K. Choi
Duck K. Choi

**KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)**

Prof. Alfred Traverse
Palynological Laboratories
Department of Geosciences
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The Penn State University
Univ. Park, PA 16802
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219-5, GARIBONG-DONG,
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854-5081 ~6

18 October, 1984

Dear Dr. Traverse:

Thank you for your all kind considerations. Regarding the slides you found in Room 434, I guess they are probably earliest preparations of E. S. F. In other words they had to be thrown away.

During the last couple of months I was very busy, because I have been deeply involved in the establishment of the Paleontological Society of Korea. Actually P.S.K was founded in the end of June. I have been elected as a fellow member of the Society and am in charge of academic affairs for the Society. In the early October the first meeting of the Society was held at Seoul National University along with two-days field excursion. I presented a paper on Early Cretaceous palynology of Korea, which eventually will be published in a proceeding. In addition I organized Program and Abstracts of the meeting and prepared Field Guidebook for the excursion. I would say the first meeting seems to be successful. Several foreign paleontologists, some of them you probably know, also took part in the meeting: Dr. H. Erben of Bonn U.(Germany), Dr. J. Ingle of Stanford U., Dr. T. Kimura of Japan, and so on. In the near future I hope the Society can invite you to our meeting.

Best wishes to Mrs. Traverse, Ron, Volkan and colleagues.

Sincerely yours,

DC/shs

Duck K. Choi
Duck K. Choi

12 October, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul
Korea 150-6

Dear Duck:

Are you still there?

The long awaited visitor from China, Jiang Dexin, is here. She expressed interest in studying your material, and she is now doing so (she only can stay a few weeks).

In your thesis, slides carry notations such as "51-1; S 26-4" (Plate 1: Lecanella foveata). The slide we have carries only "51", and the England Finder location doesn't work. Two questions:

1. Does "51" = 51¹2, or something? Or does "51" mean an additional slide from maceration #51?

2. Are the slides we have not the illustrated ones? I think the answer is yes and that you have the original slides, pending publication plans, which is o.k.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. Leo Hickey just phoned and is still convinced that heterochroneity is right!

27 September, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul
Korea 150-6

Dear Duck:

As I probably have previously written, I am moving into Room 434 as a microscopy room. In cleaning it up I found three black 100-place slide boxes. The slides bear numbers such as 15-2-3, 6-1-3, 2-1-3, etc. Are these your slides that were to be deposited with us? (We already have one set especially designated by you for this purpose.) If we are to have them, how do I refer them to your thesis? I don't seem to find a list of slides, etc., therein. The numbers don't seem to agree with the style of numbers in the thesis ~~plate~~ captions. One reason I thought they might be yours is that there are 52 samples, and the materials are K-T. I hope you can solve the problem.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

7 September, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul
Korea 150-6

Dear Duck:

First of all, many thanks for remembering my birthday! Two palynologists (Brugman from Netherlands and Golombek from Germany) joined Betty and me for the dinner on that occasion. I received many nice remembrances, and that was most pleasant.

The paper in Calgary went as well as could be expectede-Leo H. was not there to help defend the paleomag! I presented the paper as well as it could be presented, I think. For most of the fossils, I could use the slides I had--I did make two new slides for "Novamprojectus". S. Srivastava was there and insisted that N. is merely a dyad or part of a tetrad. Even so, if it always occurs that way, it's good for a generic name! (But I don't believe it.) Just to warn you that Satish will probably try to refute you!

Rouse, Norris and McIntire made strong negative comments, insisting the dinos are reworked, and the paleomag wrong. You've heard that before. We'll see.

Enclosed are duplicates of the new slides I made for the paper. Also abstract of interest.

All the best to you and to the whole family.

As ever,

Alfred Traverse
Professor of Palynology

AT/et

encl: slides, prints (see P.S. below)

P.S. In the aftermath of 6 IPC I find these prints. I have the originals on slides and thus don't need them--perhaps you could use to make a poster for your wall, or whatever.

2 August, 1984

Dr. D. K. Choi
Etc.

Dear Duck!

Betty is on "vacation" (caring for her parents--some vacation), so I have no secretary and am typing this myself--won't be up to snuff.

Got a nice postcard from Hyo-Sook, which we'll answer as soon as there's a minute.

Thanks for the Tasmanites in various states of preservation. I can use them very nicely for teaching. Only one is labelled as to origin--says Miocene. May I assume they're all Miocene? Korea ds on the slides--but I have the formation or whatever?

I have so many things to care for that I didn't get around to serious reading of your paper until a couple of days ago. When I first opened the package from you a good many weeks ago I assumed from the letter that all that well, and that I could just show up in Calgary with what you sent, plus the slides I have on hand. Now I find that there's a lot of drafting. Etc.

I have a number of comments that will be good for your "continuing education":

1. The photomicrograph slides are not very good. In the first place you apparently used a green filter, which is right for b-w, not for color. No filter, sometimes a pale blue filter (one has to experiment with the light source, etc.) is best. The ocular was dirty--thus the little works all over the place. Every slide has a small pinhole approx. in the center. None of us can figure out what that means. I am having the slides printed, and will make one slide with all of them on it. We are trying to color balance a bit in the bargain.

2. Slides 1-3 are all ones I have. Slide four, the range chart, is not satisfactory as a slide, I mean as is in your thesis--too many taxa listed. I am having it redrafted, omitting all taxa that are not mentioned in the MS. On the other hand, Expressipollis cplx. is heavily stressed but is not on the chart. I tried to put it on by using your thesis as source, but ran into problems. You say in the MS that it's a dominant in Zone I, but your thesis never has it as a dominant. Hmmm. I decided to leave it off and hope for the best.

3. Slide 5, thesis Fig. 13, also will have to be redrafted. I'm having it considerably simplified, as it has far too much for a visual aid.

4. Slide 20 will be redrafted and slightly simplified.

Slide 21 is a problem, as you apparently intended that the literature refs. etc. from your Fig 21 would be on there, but that is quite impossible for a slide. So I'm leaving all of the lit. refs. off and eliminating the numbers on the lines above. I'll have a copy of the original, which anybody who's interested can inspect. I'm putting a title across the top of the slide saying "Betulaceous Pollen in North America"!

Well, that serves to let you know that the project is underway. Much later I'll tell you how it went.

Hyo-Sook says that you get to do a lot of field work, which is nice!

Our two grandchildren are growing fast. This is the first fall coming up since 1955 when we have sent nobody at all off to any school!

All the best.

Alfred Traverse



Professor of Palynology

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

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

219-5, GARIBONG-DONG,
GURO-GU, SEOUL, KOREA 150-6

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Tel. No: 856-0041~7
854-5081~6

(+) April '84
Jihwan's Birthday

Dear Dr. Traverse:

I have been working on the manuscript for VI IPC during a last couple of weeks. Enclosed are manuscript, list of slides, slides and some figures. Any modification will be welcomed for the quality of our talk. I think it would be icing on the cake, if we add a few slides:

- 1) A scenic picture of subtropical or warm temperate forest between Slide 19 and Slide 20.
- 2) A slide of a question mark(?) between Slide 20 and Slide 21, representing a puzzling problem in our interpretation.
- 3) To emphasize our conclusion, any picture showing out-of-phase state, such as sine or cosine curves.

Also included are slides of a species of Miocene tasmanites, Tasmanites crassipunctatus n. sp. The paper dealing with tasmanites has not yet been published.

Regarding the paper of Novemprojectus traversii, R.P.P. said that revised version of my manuscript is perfectly O.K. and has been passed on for preparation for press.

Best wishes to Mrs. Traverse, Ron, Volkan and colleagues.

Very truly yours,

Duck K. Choi
Duck K. Choi.

Choi

27 April, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul
Korea 150-6

Dear Duck:

The attached xerox is self-explanatory. We have trouble with Ms. Lentin about the listings. It is not "my" paper, but yours, with me as junior author, of course. In any event, are we pretty sure you won't be able to come, to give it personally? That was my understanding, and that I would have to present the paper in Calgary. If that is still the case, I need to have the paper and illustrations (from which to make slides, unless you can make them, or have them made in Korea) no later than mid-July. Do you have further thoughts about all this?

We all miss the Chois. Best to Hyo-Sook.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: xerox

15 February, 1984

Alfred Traverse, Professor of Palynology, 435 Deike

Ms. Mary Jane Johnson, Executive Secretary, Sigma Xi, N245 Burrowes

re: Duck Keun Choi

Dr. Choi is incorrectly listed in 1983-84 Active Membership list as of College of Science. He was admitted through College of Earth and Mineral Sciences. This should be corrected. Since being admitted, Choi has returned to Korea, where his address now is:

K I E R
219-5 Garibong-dong
Guro-gu, Seoul
Korea 150-6

10 February, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul
Korea 150-6

Dear Duck:

Your letter of 1 February, 1984, was good to have. Glad to know that you sent in the new-genus paper. Now you need to work on the general thing based on your thesis--I look for a monograph pretty much like your thesis. There is also the question of your/my oral paper for Calgary--I would love it if you could get KIER to send you to present it yourself. Otherwise, I will give it for you. But I have to have a draft MS--let's say before June 1. I could react then in time to get the paper finalized before the IPC (late August)--do we need visual aids that don't already exist? I could get that started.

The Miocene marine tasmanites sound like fun! Could you spare a nice slide of same for me to photograph for my textbook?

Re the papers you need: I am sending you my extra copy of Wall as a present. A xerox of Felix is also enclosed.

Best to all.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: two papers
xerox of letter to Nichols

10 February, 1984

Dr. Duck Keun Choi
K I E R, etc.

Dear Duck:

Here's a little "return present" for the nice photo of your family. Your friend here, J. Lee, showed us his wedding picture, with you in the back row. You should pay him to suppress the photo! He said that you're housing problems are still not solved. We hope they will be soon!

Best regards also to Hyo-Sook!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: photo

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

Dr. Alfred Traverse
435 Deike Building
The Penn State University
Univ. Park., PA 16802

219-5, GARIBONG-DONG,
GURO-GU, SEOUL, KOREA 150-6

P. O. BOX: GURO 98, SEOUL
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Tel. No: 856-0041~7
854-5081~6

February 1, 1984

Dear Dr. Traverse:

I greatly appreciate your help in correcting the manuscript. I already sent the revised manuscript to Review of Palaeobotany and Palynology.

I am now working on cutting samples drilled on offshore southwestern Korean Peninsula. The purpose of this work is to provide chronologic and ecologic information for the area. Although I am not interested in Neogene and Quaternary palynology, this is the kinds of work that I have to do in KIER at least for a while.

In the meantime I have noticed abundant occurrence of Tasmanites and other palynomorphs of green algal affinity from Miocene marine sediments in Korea. I would like to report this occurrence in Journal of Geological Society of Korea. Unfortunately I could not find a couple of important papers on Tasmanites:

- 1)Wall, D., 1962, Evidence from Recent plankton regarding the biological affinities of Tasmanites Newton 1875 and Leiosphaeridia Eisenack 1958: Geol. Mag., v.99, no.4, p.353-362.
- 2)Felix, C.J., 1965, Neogene Tasmanites and leiospheres from southern Louisiana, U.S.A.: Palaeontology, v.8, pt. 1, p.16-26, pls. 5-8.

I really hate to bother you(!!!). However, you may understand, this is the only way to continue my research. Thank you again for your kind cooperation. All the best to Mrs. Traverse.

Very truly yours,

Duck K. Choi
Duck K. Choi

5 January, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

I have somewhat rewritten the abstract for 6 IPC, copy enclosed. It has been submitted. As you say, if you were to conclude that both molluscs and dinoflagellates were reworked, the whole thing would need to be revised from stem to stern. However, I think at this time you should present the story "warts and all" and let the chips fall where they may. That's the way progress is made.

Best as ever.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: L. J. Hickey
encl: xerox of final abstract

5 January, 1984

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

I am very sorry that my corrected version of your good MS has taken so long. It came just before the end of semester rush and then there has been the Christmas break--we drove out to Michigan and Indiana to visit my mother and Betty's parents. All went well except for a minor accident. A lady skidded into us on the ice and smashed one door utterly.

Thanks so much for naming the species for me. I suggest the name be:

Novemprojectus traversii

I got help from Dr. Keener on the genus. It means 9-projectus. Judging from the species of modern fleabane named for me by a real Latin scholar, "traversii" is apparently the way to go.

I have indicated a few improvements of the English--but your English is super!

All the best to you and your dear little family for 1984 and always.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. Enclosed are the two copies of your thesis plate 42 which you requested. We have completed printing the set we required and are sending the negatives back to you under separate cover. Thanks for sending them to us so promptly.

encl: MS and 2 copies of plate

즐거움이 가득찬 성탄절과
밝고 기쁜 새해를 맞으시기를

*Wishing you the finest joys of the
Christmas Season, and a bright
and happy New Year*

Dear Dr. and Mrs. Traverse:

*We hope you have a happy
New Year and we miss all
of you.*

*Duck
Hyo-sook
Jihwan
Jean*

Dec. 12. 1983

KOREA INSTITUTE OF
ENERGY AND RESOURCES

12 December, 1983

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
KOREA

Dear Duck:

The negatives arrived in "apple-pie-order" today. Of course, we'll send two copies of plate 42 for your use. However, it would really be better to go back to the original 35 mm. negatives and make up a new, original plate for your paper. We can make the prints for you if you send the negatives with instructions--why don't you try that?

I'll respond about the paper on the new genus and on the IPC abstract as soon as I can get to them--I have a terrible pile-up of end-of-semester duties.

Betty was pleased by the birthday greetings. She had a nice day.

Lastly, re glycerin jelly. You should do what I did always before I came here and we still do mostly--make your own! The ingredients are obtainable in Seoul from apothecaries:

50 g gelatin (apothecaries = pharmacists have this as "gelatina alba".
Knox's plain gelatin from a grocery store catering to
Americans is also o.k.)

175 cc distilled water (no problem here)

150 cc glycdrin (= glycerol) apothecary should have it)

7 g phenol (or something equivalent to retard bacterial-fungal growth)

procedure:

dissolve phenol in warm glycerin.

dissolve gelatin in warm water (this difficult, because there is so much gelatin in proportion to the water--add gradually and stir furiously, while heating on hotplate. When mostly dissolve, add phenol-glycerin mix to water-gelatin mix and heat both together to 80° c. DO NOT BOIL. CONTINUE TO STIR. When all finally completely mixed and dissolved, store in light-proof (brown glass) jars, preferably in refrigerator, although this not absolutely necessary. Keep small amt. (100 cc) in jar in warming oven at about 45° c, ready for use. Our experience has been that glycerin-jelly stored in the oven over a long period of time tends to denature. That's why we only keep a small amount there.

Choi, pg. 2

Best wishes to you, dear Hyo-Sook and the kids. We love your picture, and it is prominently displayed at home. Happy holidays!

I really liked the stamps on your package--a stylized artichoke? Very beautiful;(I collect plant stamps).

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

KOREA INSTITUTE
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ENERGY AND RESOURCES(KIER)

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435 Deike Building
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Univ. Park, Pa 16802

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Tel. No: 856-0041~7
854-5081~6

Nov. 23, 1983

Dear Dr. Traverse:

Enclosed is the abstract for VI IPC. More improvement will be absolutely needed. I will supply more information for representation at the Meeting in the near future.

Regarding the recycling of dinoflagellate cysts, I have no evidence so far. The chronologic scheme in my thesis is based on 1) magnetostratigraphic standards, 2) the occurrence of Santonian molluscs and 3) the abundance of ¹⁰⁰ K dinoflagellate cysts. If we consider that ¹⁰⁰ magnetostratigraphy is incorrect and that molluscan assemblage and dinos were recycled, my results should be totally revised as Dr. Norris thinks (That is exactly what I initially thought without ~~providing~~ the information of magnetostratigraphy and Santonian molluscan assemblage).

Best wishes.

Very truly yours,

Duck K. Choi
Duck K. Choi

DC/shs
Encl

ABSTRACT

Eureka ~~S~~ound Formation (Late Cretaceous-Paleogene) Palynofloras, ^{from} the Canadian Arctic, in relation to angiosperm migration.

Duck K. Choi, Alfred Traverse and Leo J. Hickey

In a palynological study of Late Cretaceous-Paleogene Eureka Sound Formation of Ellesmere and Axel Heiberg Islands, four informal palynostratigraphic ~~zonation~~ ^{zones have} has been established on the basis of stratigraphic ranges of selected angiosperm pollen. The age of ~~each zone~~ ^{The} ~~is~~ ^{was} determined on the basis of a magnetostratigraphic standard ~~which is~~, further corroborated by the occurrence of a Santonian molluscan assemblage and Campanian dinoflagellate cysts: late Santonian for zone I, early Campanian to Paleocene for Zone II, early Eocene for zone III and middle Eocene for zone IV. This result ^{appears to indicate} ~~reveals~~ profound temporal disparity (heterochroneity) of the terrestrial palynoflora as compared to mid-latitudes. ^{In terms of} ~~The typical mid-latitude flora was replaced in the Arctic~~ ~~by one of Maastrichtian to early Paleocene aspect (on the basis of mid-latitude palynoflora) in latest Santonian or early Campanian.~~ ^{It} ~~This~~ would ^{apparently mean} ~~suggest~~ that some of the ^{plants} ~~occurred~~ ^{producing} earlier in the Arctic region and migrated southward during the climatic deterioration of the Late Cretaceous and Paleocene.

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

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

219-5, GARIBONG-DONG,
GURO-GU, SEOUL, KOREA 150-6

P. O. BOX; GURO 9B, SEOUL
Cable Address: KIERSK
Telex No: K24337

Tel. No: 856-0041 ~ 7
854-5081 ~ 6

23 November, 1983

Dear Dr. Traverse:

Today I received two letters dated on 11th and 14th of November.
Enclosed is a whole set of the negatives. Part of the xerox copies of the
plates(angiosperm pollen only) was already sent to Dr. Jansonius.

Here are some of my problems. Firstly, lack of suitable darkroom faci-
lities does not allow to print the negatives here. Could I have a print of
plate 42 which I will use for the manuscript you already received? Secondly,
I failed to find Glycerin-jelly in Korea. Could you give some information
how I can get it?

I will send the abstract for VI IPC as soon as possible (Probably tomorrow).

Best wishes. Happy birthday to Mrs. Traverse.

Very Truly Yours,

Duck K. Choi
Duck K. Choi

DC/shs
Encl.

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

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

219-5, GARIBONG-DONG,
GURO-GU, SEOUL, KOREA 150-6

P. O. BOX: GURO 98, SEOUL
Cable Address: KIERSK
Telex No: K24337

Tel. No: 856-0041 ~ 7
854-5081 ~ 6

November 17, 1983

Dear Dr. Traverse:

When I got back from field work for Cretaceous sediments in southeastern Korea, several letters were waiting for me. I appreciate for your kind arrangement for that.

Enclosed is the manuscript for the new *Triprojectacites* genus, the format of which is followed that of *Rev. Palaeobot. Palyno.* Regarding the new generic name, I am not pleased with *Neotriprojectus*. Originally, I was intending to give a meaning of "nine projections", something like "_____ projectus". However, I failed to find the Latin prefix of "nine". Could you give any suggestion for that. In addition, I will be very happy if you suggest further corrections for improvement of the manuscript.

Best wishes to Mrs. Traverse, Ron, Volkan and other colleagues. I miss(!) all of you.

Very truly yours,

Novopro

Duck K. Choi
Duck K. Choi

DC/shs
Encl.

14 November, 1983

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

Hope my request for short-term, immediate loan of the thesis-plate-negatives has already reached you!

Here's another urgent piece of business: I believe you, Leo Hickey and I should present a paper on your-my-his results at 6 IPC, and I have submitted a preliminary intention to do so--see enclosure.

The abstract must be submitted soon (pre-31 December). Could you take a crack at writing such an abstract and send it to me at once? That would give time for Leo and me to respond and hammer out one that's mutually acceptable.

Naturally, if you can make it to Calgary, I'd want you to give the paper. If not, I'll present it.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
cc: L. J. Hickey
encl: copy of form to 6 IPC

11 November, 1983

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul 150-6
Korea

Dear Duck:

Hope you and your marvellous little family are now settled in your apartment together, and the "camping" segment of your return to Korea is over. I miss you all very much.

A small problem has surfaced that I should have anticipated: we are getting so many requests for your thesis, that I guess I must have some xeroxes made—immediately. No problem except for the plates. Could I borrow by return airmail the negatives for the plates? I gather you must have them. We can print them. I refer of course to the negatives Still Photo made of the whole plates. I will then return the negatives to you immediately.

All the best to you, Hy0-Sook and the kids.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. Leo Hickey gave a talk here several weeks ago and used your data extensively.

11 October, 1983

Dr. Duck Keun Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul
Korea

Dear Duck:

Are you there? (Small joke.)

Enclosed emphasizes why you should publish paper on your new triprojectate genus as soon as possible.

Best to you all.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl

P.S. I just received your letter, so you can ignore the "small joke" above. Glad to hear you are all safe and well. Hope things will soon settle down for all the family. Have you received copies of the pictures Betty took at your commencement?

KOREA INSTITUTE
OF
ENERGY AND RESOURCES(KIER)

219-5, GARIBONG-DONG,
GURO-GU, SEOUL, KOREA 150-6

P. O. BOX; GURO 98, SEOUL
Cable Address: KIERSK
Telex No: K24337

Tel. No: 856-0041 ~ 7
854-5081 ~ 6

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

October 5, 1983

Dear Dr. Traverse:

First of all, I would like to apologize my laziness. As you may imagine we have some difficulty to settle down to my country. The house we will live is still in repair. I stay at my sister's, Hyo-Sook and Jean at their aunt's, and Jihwan at my parent's in Jeonju, my hometown. However, I wish my family will get together in the middle of October. My future address will be

493-19 Yeonnam-dong, Mapo-gu, Seoul, KOREA

As far as concerned the Science article, I don't even remember the acknowledgement section was included (I have not yet got a copy of Science). In any events, I am very sorry about that. That probably results from my carelessness. In my future publications, I will be very careful about it.

Best wishes to Mrs. Traverse.

Very truly yours,

Duck K. Choi
Duck K. CHOI

21 September, 1983

Dr. Duck Keum Choi
K I E R
219-5 Garibong-dong
Guro-gu, Seoul
Korea

Dear Duck:

We are now getting over the shock of knowing you and your dear family missed only be some days being on the fatal 007 flight.

Your article with Hickey is out in Science. As you will have seen from letter-copies, I was quite upset that neither the NSF project's nor my contributions were acknowledged. That is now beyond help.

As I believe we discussed earlier, you should publish your new taxa as soon as possible, especially the new Triprojectacites genus--Rev. Palaeobot. Palynol. or Palynology would be good places. You should give that top priority.

Best to Hyo-Sook.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/ et
encl