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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.

Delivered-To: traverse@ems.psu.edu
From: "Professor George F. Hart" <zulu@dimensional.com>
To: "Alfred Traverse" <traverse@ems.psu.edu>
Subject: Fw: Job
Date: Sat, 6 Mar 1999 11:55:51 -0700
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 4.72.3155.0
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0

—Original Message—

From: Professor George F. Hart <zulu@dimensional.com>
To: Alfred Traverse <traverse@ems.psu.edu>
Date: Saturday, March 06, 1999 11:55 AM
Subject: Re: Job

Hi Al: Now that I have completed the things I wanted to do after taken early retirement from LSU I'm starting to look a other jobs I think I am qualified for and would like you to write another letter for me for the Dean of Graduate School and Vice Provost for Research at Oregon. It is similar to the same job at LSU [where I made the short list] a few years back. My experience as Director of Research at the Louisiana Geological Survey will really help me with this one. I'm enclosing my 'position statement' for your use and also the Position Announcement. Let me know if you cannot read the attachments and I will send them as hard copy. Regards to you both: you had better get up here before I leave!
George.

STATEMENT OF EDUCATIONAL PHILOSOPHY

: George F. Hart, 1st March 1999.

My educational philosophy has more to do with my early upbringing and later experience in a variety of cultures and political systems than it has to do with my teaching and research interests. Nevertheless, an underlying theme of curiosity and logic that springs from the former has manifested itself in the latter. Fundamentally my educational philosophy centers around the concept of meritocracy [ability + effort = reward] tempered by a sensitivity to political and social realities. The prime social realities acting today have switched from simple affirmative action to all aspects of population pressure.

There are a number of specific comments I think any educator must address if an administrative position is sought. These include questions concerning leadership, multiculturalism, changing educational perceptions, population pressures, and, the financial problems facing academia.

LEADERSHIP

For many years, like many in academia, I suffered individual chairmen, deans, and other administrators, whose basic concept of leadership was: what can you do to make me look good? I totally reject this approach and believe strong intellectual leadership asks the question: what can I do to make you look good? Academic leadership should foster scholarship and creativity amongst both students and faculty by providing strong support for teaching, scholarly research, and professional activity.

I prefer a hands-on form of leadership involving regular personal contacts. This requires a sensitivity to other disciplines and viewpoints. It encourages individuals to begin to understand and work with one another to reach common goals. A necessary pre-requisite is open - access whereby university administrators are readily available to professors and students for discussion of mutual problems. This accessibility demands accountability by both parties, and my experience has shown that this is best accomplished by total honesty. Mutual respect can survive even antagonistic encounters if problems are tackled openly. I subscribe to the view that once a decision is made it is necessary to accept the new situation and move forward.

I do not believe that university administrators should outlive their usefulness: experience tells me that this is 5-8 years - except in very special cases.

MULTI-CULTURALISM

Discussion of multi-culturalism within academia has been particularly prominent during the last decade and will remain important during the next. The prime reason for such discussion is a belief that the needs of our culturally diverse population are not being adequately addressed. Multi-culturalism has its roots in the relationship between democracy and human rights. Since the end of World War II many regions of the world have been shaken by the revolution of rising expectations. The United States of America, principally through its Constitution and the idea that the exercise of democracy offers people the best existence possible in an admittedly imperfect world, has played a major role in this revolution. I have seen much of this action and believe there is a need to address the questions rising from Multi-culturalism and pluralism on a greater scale. Multi-culturalism within academia addresses the problem that democracy cannot exist within a group if certain human rights can be arbitrarily deprived. The problem is that the concept of duty is an integral part of human rights: fundamentally, the exercise of rights must not prevent others from enjoying their rights. The degree to which academia promotes multi-

culturalism must be determined by the specific national and institutional goals. I have experienced many cultures and recognize that all have something to offer in the development of the intellect, and I will encourage those aspects of multi-culturalism that aid, assist and improve the basic goals of academia.

Related to multi-culturalism is academic diversity. Past studies in the United States by the Academy of Sciences and Academy of Engineering suggested that by the end of this century the majority US professors in science and engineering would be either non-white or white-female. This prediction was incorrect. However, the error was only in timing: it will be true by the end of the next decade. Within the non-white group the overwhelming percentage will be of Asian or from peninsular India. In this country it is important to bring non-european groups further into the mainstream, incentives must be made to persuade academically able students to continue through to the highest level of education. However, in academia the over-riding premise for hiring, and for reward, must be one of intellectual ability and achievement: not race, color, religion, age, gender or creed issues.

CHANGING EDUCATIONAL PERCEPTIONS

The public demands accountability from academia, and, at the same time a requirement that the pre-university educational standards be retained and improved. This is leading to the switching of funds from higher education to lower education. Associated with this is a growing perception that remedial and vocational education through short term training programs must be strengthened. This has been especially advocated by the corporate-world in the United States. The long-term effects of these developments are of benefit to higher education but in the short-term lead to a further reduction of funding for higher education. To counter this there must be a strong commitment to teaching at both the undergraduate and graduate level. Higher education must align itself with the fundamental movement in education so that it plays a leadership role. A re-assessment of program goals is required which reaffirms the role of academic quality and recognizes the need for academic excellence within the framework of the educational system.

The world-wide shortages of qualified faculty and excellent students require a strategy of recruitment that emphasizes academic quality both as taught and as practiced and will necessitate a strong commitment to student and faculty recruitment and program development.

Strategies such as passing the increased cost of education onto the student via fees is a tendency that seems to have growing political backing. However, such a strategy will make it more difficult for lower class students [including a growing proportion of non-whites] to obtain a university education. At the same time there is an increasing demand by the public for more educational opportunities and services. Broadening the franchise while retaining academic quality can contain the damage. Successful methods include degree programs that can be completed entirely through evening classes or through telecommunication and home study; and, the development of inter-disciplinary programs. Such methods can achieve remarkable results in terms of medium to long term improvements in the educational system, as well as providing short-term improvements in public relations: a successful example of this is the Open University System of Britain.

POPULATION PRESSURE

Aspects of the general problem of population pressure that affect universities are concerned with increased environmental deterioration in all aspects. These range from increased urbanization to increased demands for places in institutes of higher education. Universities should be in this arena - which will be one of the most important issues of the next century. They should be concerned with research, teaching and concept development pertaining to population growth. Moreover, government is primarily [or should be] a regulatory body. How the university interacts with the government agencies in providing the local intelligentsia is an important issue. Steps should be taken to encourage academics to work with local government as impartial advisors.

FINANCIAL PROBLEMS FACING ACADEMIA

Great care must be taken to make sure that state money is spent according to the conditions for which it is appropriated. Academia can have an influence on the appropriation process itself if it plays an advisory role to government. Government funds should be used primarily for financing the fundamental needs of the system and as a jumping-off point for acquisition of non-state funds. Principal non-state funds are derived from international agencies, private industry and private donors. All aspects of obtaining external resources must be encouraged. My career experience as an administrator indicates that major government funds often are obtained by political means rather than by merit. This necessitates establishing and maintaining a relationship between the university administration and the political establishment and having the flexibility to take advantage of new financial sources.

Budget cuts that are forcing larger classes, reduction in faculty and staff, and elimination of whole programs are worldwide and are not simply a problem of a single country. I do not believe it is necessary to adopt the more callous methods used in the corporate-world in order for major academic organizations to survive during the next decade. However, I do believe strategic planning, quality management and the concept of business units all can be adapted to academia and cause a positive impact.

Attachment Converted: "c:\eudora\attach\JobDesc1.tif"

Attachment Converted: "c:\eudora\attach\JobDesc2.tif"

Professor George F., 11:30 AM 3/12/99 , Re: Fw: Job

To: "Professor George F. Hart" <zulu@dimensional.com>
From: Alfred Traverse <traverse@ems.psu.edu>
Subject: Re: Fw: Job
Cc:
Bcc:
Attached:

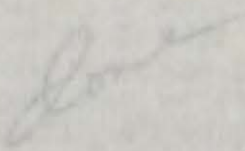
Hi, George:

Yours about the Oregon job in hand. I had no trouble coming up with the attachments, but it was impossible to print them--they printed as a solid black sheet, twice. Probably used up all the ink in the printer. The college's computer technician came in and forwarded the whole thing to his massive computer and will take a crack at printing it in his lab. He says that the solid black printout indicates a problem with the original document. It says that it's a Kodak deal of some sort. In the meantime, I have made notes from the thing as it appears on my screen.

God, you're a restless fellow! My experience has been that when people land in CO they just take root and are never heard from again. Hmmmmm. The Oregon job looks like a hell of a lot of work to me.

Of course, I'll write for you. You need to get back to me about to whom and when I should write. Maybe you'd better send a print out of the job description because the fine print is hard to read on the screen (one of the reasons I was trying to print it!).

All the best. Al.



Hart

Professor George F., 02:42 PM 2/14/99 , Who to contact

Delivered-To: traverse@ems.psu.edu
From: "Professor George F. Hart" <zulu@dimensional.com>
To: "James Coleman" <chanjc@lsu.edu>,
"Mike M Farley" <farlerm@texaco.com>,
"Ray E Ferrell" <rferrel@lsu.edu>,
"Alfred Traverse" <traverse@ems.psu.edu>,
"Raymond Christopher" <christ@mail.clemson.edu>,
"Howard Harper" <rrodder@aol.com>
Subject: Who to contact
Date: Sun, 14 Feb 1999 14:42:42 -0700
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 4.72.3155.0
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3155.0

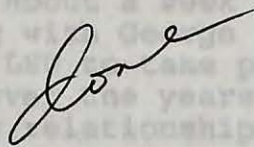
The job I have applied for in Saudi Arabia has the simple description of:
Professor of Biostratigraphy, reference COS530.

Clare and I see this as [perhaps] our last great adventure! It is a part
of the world I have always avoided but now is the time [of course with the
will of Allah!]. It will also give me a chance to finish the statistical biostratigraphy book
I started writing many moons ago.

A letter of reference needs to be sent to:

Dr. Abdul-Rahim A. Al.Meer,
Dean of Faculty & Personnel Affairs,
King Fahd University of Petroleum & Minerals,
KFUPM Box 5005, Dhahran 31261, Saudi Arabia.
REF: FA/990539/ES

Thanks in anticipation of your effort. We expect to leave for India next weekend and
return in April.
George F.



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

17 September, 1998

Chairperson
Keck Chair Search Committee
Colorado School of Mines Office of Human Resources
1500 Illinois St.
Golden, CO 80401

Dear Friend:

This letter is written in support of the candidacy of my friend, George F. Hart, for the position of Keck Professor in Exploration Science.

I have known George for about thirty-five years, and at times have been very closely associated with him, for example in the early years of the American Association of Stratigraphic Palynologists, of which we are both founders and early officers. More recently he was author of several chapters in my 1994 book published by Cambridge University Press, "Sedimentation of Organic Particles." I spent about a week as the Harts' house guest in Baton Rouge, working with George on the chapters. I have also frequently been to LSU to take part in the many short courses that Hart organized over the years. This doesn't really fully cover our long-standing relationship but is perhaps enough to make the point.

In all of these associations I couldn't help but be impressed with the marvellous talent for organizing things and for working with people Dr. Hart has. He also is famous as an idea man, and seems to draw students and co-workers in droves. He is well known as well for his ability to get funding to support his manifold projects. He is phenomenally well focussed and is a prodigious worker, which accounts for the long list of distinguished publications.

It should also be stressed that George is uniquely interested in the application of all aspects of theoretical science to practical problems and has made himself world-renowned in our mutual field with studies so directed. He has a phenomenal knack for intuitively discerning the way in which a seemingly erudite concept can be given cash value.

I would also like to stress in this letter the international nature of this man--He has contacts on all continents and indeed

has worked on all of them, except South America (as far as I know--perhaps he has even been busy there!).

I would think that Professor Hart would be a very interesting and very effective member of your faculty.

Phone: (814)863-7419; Fax: 014-863-7823
E-Mail: traverse@omni.psu.edu

Yours very truly,

Dr. George F. Hart
800 Blacon Drive
Golden, CO 80102

Alfred Traverse
Professor Emeritus of Palynology

Dear George,

How come you aren't on e-mail?

Please inform about timing, which is not clear to me. Do you want me to flesh out a letter asap, or do I wait until approached by the people in Golden?

We have a couple of friends from Japan (a palynologist and his wife) coming next Tues. (25 Aug.), and we'll be with them in DC, Niagara Falls, etc., about 10 days before returning here about 6 Sept. I hope that isn't too late for the letter, as I doubt that I'll hear back from this letter before Youshi and Keiko arrive.

Best to Clara.

Very truly yours,

Alfred Traverse
Professor Emeritus of Palynology

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

20 Aug., 1998

Dr. George F. Hart
800 Bison Drive
Boulder, CO 80302

Dear George:

How come you aren't on e-mail?

Please inform about timing, which is not clear to me. Do you want me to flash out a letter asap, or do I wait until approached by the people in Golden?

We have a couple of friends from Japan (a palynologist and his wife) coming next Tues. (25 Aug.), and we'll be with them in DC, Niagara Falls, etc., about 10 days before returning here about 6 Sept. I hope that isn't too late for the letter, as I doubt that I'll hear back from this letter before Yoshi and Reiko arrive.

Best to Clare.

Very truly yours,

Alfred Traverse
Professor Emeritus of Palynology

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

File Hart

E-Mail: traverse@ems.psu.edu

12 February, 1995

Ms. Dianne Hughes
Provost's Office
University of Denver
Denver, CO 80208

Alfred Traverse
Professor of Palynology

Dear Ms. Hughes:

This is in support of the candidacy of Prof. George F. Hart, for the position of Dean of the Division of Natural Sciences, Mathematics and Engineering, at your university.

I have known George for about thirty years, and at times have been very closely associated with him, for example in the early years of the American Association of Stratigraphic Palynologists, of which we are both founders and early officers. More recently he was author of several chapters in my 1994 book published by Cambridge University Press, "Sedimentation of Organic Particles." I spent about a week as the Harts' house guest in Baton Rouge, working with George on the chapters. I have also frequently been to LSU to take part in the many short courses that Hart organized over the years. This doesn't really fully cover our long-standing relationship but is perhaps enough for here.

In all of these associations I couldn't help but be impressed with the marvellous talent for organizing things and for working with people Dr. Hart has. He also is famous as an idea man, and seems to draw students and co-workers in droves. He is well known as well for his ability to get funding to support his manifold projects. He is phenomenally well focussed and is a prodigious worker, which accounts for the long list of distinguished publications.

It should also be stressed that George is uniquely interested in the application of all aspects of theoretical science to practical problems and has made himself world-renowned in our mutual field with studies so directed. He has a phenomenal knack for intuitively discerning the way in which a seemingly erudite concept can be given cash value.

I would also like to stress in this letter the international nature of this man--He has contacts on all continents and indeed has worked on all of them, except South America (as far as I know).

I would think that Professor Hart would be a very interesting and very effective Dean of your Science Division.

PALYNOLOGICAL LABORATORIES
422 NATIVE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814) 863-3418, Fax: 814-863-7873

Yours very truly,

Alfred Traverse
Professor of Palynology

Prof. G. F. Hart Project
American Institute of Indian Studies
Department of Geology
Andhra University
Visakhapatnam 530 903
India

Dear George:

O. K., you win. Yours was the first Khas card of 1994--arrived about 1 Nov.--exact date unknown because we were out of town for a few days, including the day when it came. But it's first. We have a friend in Houston who usually wins.

Last year when I decorated the outside Khas tree (now 25' tall)--Rings also--it was 10 degrees F. So, this year I did it yesterday, on a beautiful autumn day with temperatures in the 50s. Now a card from the Hester; must be time to start shopping.

Betty and I are going to the Ross Bowl for late Dec.--early Jan. As a non sports fan, you probably don't know about that. But Penn State has won the Big-Ten football championship, etc.

It is fun to think of you in India. I loved it there, though people who remember being with me at the time doubtless doubt that I am not good company when I'm ill.

All the best from both of us to both of you.

Yours very truly,

Alfred Traverse

P. S. I use your a way of reprints, but shouldn't send them until you return to N. Amer., right?

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
22 November, 1994

Prof. G. F. Hart Project
American Institute of Indian Studies
Department of Geology
Andhra University
Visakhapatnam 530 003
India

Dear George:

O. K., you win. Yours was the first Xmas card of 1994--arrived about 1 Nov.--exact date unknown because we were out of town for a few days, including the day when it came. But it's first. We have a friend in Houston who usually wins.

Last year when I decorated the outside Xmas tree (now 25' tall)--Picea alba--it was 10 degrees F. So, this year I did it yesterday, on a beautiful autumn day with temperatures in the 50s. Now a card from the Harts; must be time to start shopping.

Betty and I are going to the Rose Bowl for late Dec.-early Jan. As a non sports fan, you probably don't know about that. But Penn State has won the Big Ten football championship, etc.

It is fun to think of you in India. I loved it there, though people who remember being with me at the time doubtless doubt it! I am not good company when I'm ill.

All the best from both of us to both of you.

Yours very truly,

Alfred Traverse

P. S. I owe you a slug of reprints, but shouldn't send them until you return to N. Amer., right?

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Phone: (814)863-3419; Fax: 814-863-7823

22 July, 1994

Prof. George F. Hart
644 Leeward Dr.
Baton Rouge, LA 70808

Dear George:

We have been preoccupied lately, first with a trip to Chicago to celebrate our wedding anniversary, then with the visit of a grandson (took him camping), then with a manuscript that was a month overdue.

Now I am clearing the decks, and I find your Fulbright package on the bottom of the pile. I've sent them an absolutely glowing recommendation, and well within their deadline.

I'd like to go back to India again myself. But I'll have to take instruction from you on how to stay healthy. I got sick last time almost immediately. When I'm sick I don't function well at all and am not even good company. It's a fascinating country.

Presumably you've got your copy of the famous book by now.

Best to Clare.

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

22 July, 1994

CIES
Box References
3007 Tilden St., N. W., Suite 5M
DC 20008-3009

Dear Friends:

This has to do with the application of Prof. George F. Hart for India.

I have known George Hart for many years and have worked with him on several projects and in connection with national and international societies. He is one of the most productive, most innovative people in our field and is an indefatigable worker. I can think of nobody who is more sure to get research results than this man.

The proposed project is along the lines of work he has reported in detail in a book just out (Cambridge University Press) of which I am the editor. It is very new stuff and will make a big contribution to the future of palynology. I am sure that the project in India will add greatly to the total picture and is therefore well worth doing.

Hart has had a lot of experience working in countries all over the world--especially in Africa and in the former Soviet Union. He has spent several years in those two places combined. He has also worked previously in southern Asia. The man is a master at dealing with the local people. He is a "world citizen." He is bound to get along in India.

The large staff at the Birbal Sahni Institute will work well in collaboration with Hart, and he is bound to help them with his novel ideas and vast knowledge of the world literature.

In short, I highly recommend the man and the project.

Yours very truly,

Alfred Traverse

GEORGE F. HART Ph. D.

CLARE C. O. HART M. S.

644, Leeward Drive,

Baton Rouge, Louisiana 70808

504 - 766-1240

FAX [LSU] 504-388-2302

July 3, 1994

Professor Al Traverse,
Department of Geosciences,
Pennsylvanian State University,
University Park,
PA 16802.

Dear Al. and Betty,

We have just returned from Colorado and expect to be back there in August for three weeks. Currently we are still officially living in Baton Rouge although I did retire on time [1st. July]. We are putting our house on the market again shortly [for a month] and if we sell it will move our stuff to storage in Boulder. Clare and I will be returning to India in mid-October.

I'm enclosing a copy of a Fulbright proposal I have submitted for next year [four months in India] and wondered if you would be good enough to write a recommendation for me Al. I enclose the necessary form and card [this time with a stamp on it]. I will collect the samples for this study during my visit this October-December which is the field season in the Delta.

We are all well and our kids seem to be doing fine. We are looking forward to making the permanent move to Colorado as soon as is feasible. Regards to you both and hope to see you soon.



George & Clare

[Al. my e-mail is still the same gfh@zulu.geol.lsu.edu].

■ George & Clare Hart ■

1966 - 1994

THE END OF AN ERA.

As I write this, my first ever Christmas letter, I know that it is probably the last Christmas that Clare and I will be residents of Baton Rouge. After 28 good, but not always wonderful, years in Louisiana we have decided to retire early, build a home on our land in the Colorado Rocky Mountains and enjoy the rest of our lives having more fun than we have ever had before. The parties, of course, will be well worth attending!

We are building a home on top of Flagstaff Mountain, in the Front Range of the Rockies, on 35 beautiful acres adjacent to Boulder Mountain Park. We have our own hills and wildlife and to the west a view of the main range of the Rocky Mountains. We hope to complete building the main house by October, and the Guest Cottage the next year. Being only 23 minutes from downtown Boulder and 45 minutes from Denver Airport we fully expect many of our long-lost, but not forgotten, friends will be able to visit us once more! Baton Rouge has been somewhat off the main trading routes for our friends from other parts of the world.

Clare and I have not decided what we will do. We may start an ethnic design business, using Clare's artistic talents and George's liking for haggling with traders over a good price. George will probably do some consulting using his skills in geology and/or computers and wants to finish a novel he has been working on. We hope to spend 2-4 months each year overseas continuing George's interest in international education. We have another [our fourth] trip planned to

India during Fall 1994 and one in the initial planning stage for work in Fiji, in Spring, 1995.

So what have we been doing in the last 28 years?

The 60's

After spending the year 1960-61 in Russia we moved to Johannesburg, South Africa, where for the next five-and-a-half years, George was a NATO Fellow and then Senior Anglo-American Fellow at the University of Witwatersrand. During that period our three sons Vaughan, James and Anthony were born. This is the point at which contact with many of our friends became less regular, although our thoughts were always with you.

The 60's were wonderful years in which to begin our life in America. We learned so many things as we began to understand this oddly naive society, which is so generous to foreigners, and which so much wants to be liked. George completed the change which started when he first went to the USSR and continued with his excellent time in South Africa: moving from the left to the political center as he began to see the link between the free enterprise system and the market-place-of-ideas which he believes is the essence of good education.

It was a shock to find America in a state of racial tension and, moreover, far

worse than the Transvaal we had recently left; however, the USA had legislated against racial discrimination and the social battle was on the way to being won, whereas it took another 30 years for South Africa to enact similar laws.

Early on we explored America and visited most of the states except the east and Alaska. In 1967 George went to Guatemala with the Flat Earth Society [the Geology Club], and during the summer we drove from Baton Rouge along the coast road to Key West. We toured the other half of the Gulf of Mexico in 1968, when we spent 6 weeks driving from Baton Rouge to beyond Merida, Mexico and then up to Mexico City. We still did not have a car that was air conditioned and it was a hell-of-a-drive with three kids. Since that time we have learned that this is what is called "making memories".

The late sixties saw the establishment of a research group at LSU to study the *Problems of Biostratigraphy*. Memorable nights were spent arguing over beer with Glenn Merrill, Mac Jervey, Ray Christopher, Bob Pierce, John Jendrzejewsky and other students and friends. At the same time the young turks of the department [Vinton Gwinn, Ray Ferrell, and George especially] caused havoc with the curriculum and many other sacred cows of the old guard [who incidentally are all respected friends and scientists]. Probably as many evenings were spent discussing department politics as over research problems, and it was not unknown for John Ferm or Vint

644, Leeward Drive,
Baton Rouge,
Louisiana, USA 70808

From India we returned to the USA via England. By 1985 we were off once more to Mexico to present papers on *Antarctica*, the *Falkland Islands* and *Oil and Gas Exploration*. Another trip to India followed in 1987, where George did some work for the Smithsonian Institute. This time Ron Neal, one of George's former students, accompanied us and we went to Nepal on vacation. Ron returned home and Clare and George climbed up the Himalaya to China, rented a Land-cruiser and driver, and headed for Lhasa in Tibet. They spent an amazing couple of weeks in that dust filled out-of-time city.

In 1988 we again took off with Ron Neal and his wife Mary-Beth, this time to Australia where George was giving a keynote address in Brisbane on the *Origin of Oil and Gas*. It was a wonderful time as we have many old friends in Australia. George had an emotional reunion with his cousin Ronnie who he had not seen for over 25 years. The decade ended with a trip to Orlean, France at which point George decided to retire and settle down right there in that wonderful city. His dreams were brought to an abrupt halt when he realized that the place was full of Frenchmen, who had invented that cruel torture - the wearing of the neck-tie.

During this decade Clare's father Ewart died in 1985, age 92. George's mother, Evelyn, died in 1981 at age 72, but his father continues to live alone in Darlington, England. We have been fortunate that Clare was able to see her parents every year for 20 years and that George's folks came to visit us almost every Christmas since 1967. George senior still comes to visit every few years but is now 86 years old and finds the journey very tedious.

James graduated with a B.Sc., in Geology and then went to London and completed a M.Sc. in Geophysics in 1989. He is now a petroleum Geologist with Texaco Inc., in New Orleans. He married Winnie Brignac, of Baton Rouge, in 1989 in a delightful Spanish Mission Church in Egham, England.

The 90's

As we come to the end of our time in Louisiana the State has continued to be good to us. We travelled to Switzerland in 1991, where George attended a meeting on *Spatial Data Systems*, and then toured Italy and Yugoslavia, before the terror of tribal warfare erupted in the area. It was the first time we had visited that part of the world. We were impressed with the incredible richness of historical architecture and art in Italy, especially in Florence; and Yugoslavia and the Dolomite Coast is everything the geology text books say it is.

In 1993 we had hoped to spend our sabbatical leave working in Africa and visiting our old friends in Johannesburg and Namibia. Unfortunately, this did not materialize and instead we returned to South India at the end of February to work with our colleagues at Andhra University. After writing a proposal for the Smithsonian Institute we took off to visit a variety of coastal sites in southern India before George gave an invited paper on the *Wetlands of Coastal Louisiana* at the University of Tamil Nadu in Thanjavur. We travelled across the Western and Eastern Ghats by car and visited many of the places both our fathers had seen during their tours with the British Army in the pre- and post-1920's, including Madras, Bangalore, Mysore, and Cochin.

Returning home we spent part of June in Colorado supervising the installation of the septic system at *Hart's Abode* and preparing a contour map of the site. Since returning to Baton Rouge much has gone into the planning of the new house with nights spent making drawings and building scale models. We intend to be our own contractors and need to learn a lot quickly.

During this year Clare has been busy preparing our present home for sale. The children are all fine. Vaughan graduated with a B. Sc. in Biochemistry in 1991 and worked as a chemist for a year. He is now back at LSU starting a Ph.D in Chemical Engineering. Anthony will

graduate in May with a B. A. in General studies! He is spending Christmas in Boulder with the intent of moving there after graduation. James continues to work in New Orleans as a petroleum geologist and has already found lots of oil for Texaco, and Winnie continues to be successful in her Graphic Design business. This year she merged her company with *Aimee Farnet Design* and now together they have one of the more successful design businesses in New Orleans called *Farnet Hart Design*.

We know we will miss the children when we move to Colorado but have hopes that they will all eventually move to our area: the boys have had Colorado in their blood for at least 25 years and we have all tried to introduce Winnie to that State.

As we prepare for Colorado in 1994 we look forward to seeing our many friends from that State more often, and we imagine new friends and more adventures on the horizon. We intend to return to Fiji to do work on the effect of oil and gas prices, to India to work on the east coast deltas, and the Kerala wetlands, and to Southern Africa and Madagascar and try and initiate research programs.

Our health and our lives continue to be great and we hope that this Christmas finds you in as good spirits as we are, and that the New Year brings you all you desire. Please come to visit us in the coming years for you will always be welcome.

ADDRESS AFTER 1: July:1994

**HART'S ABODE,
962, Bison Drive,
Boulder County,
Colorado 80302**

OR

**George & Clare Hart,
2626, Baseline Road,
Special Box 282,
Boulder, Colorado 80303**

Gwinn to come knocking on the door at midnight with a six-pack of Dixie and a smile with the words 'I've been thinking about what we said at the faculty meeting this afternoon.....' and so began another night's discussion till 3-30 am.

We ended the decade with George teaching at Berkeley for the summer to decide whether or not to move to California. However, it was the height and center of the drug culture and in retrospect the decision to remain at LSU proved a good one. Baton Rouge proved a great place to bring-up the children and LSU provided excellent funding and complete job freedom and we have never regretted the move.

The 70's

1970 opened with George being invited to Brazil to give a keynote address at the inauguration of the Brazilian Palaeontological Society. It provided him with the opportunity to visit Manaus where he spent a week in that amazing town in the middle of the Amazon jungle. His prize from that trip was a 14 foot anaconda skin which he bought from a native a half days canoe trip into the backwaters. This trophy still adorns a place of pride in our home.

Brazil was followed by work in the Florida Keys, then California and in 1973-74 a sabbatical back to the USSR as the Senior Research Fellow of the US Academy of Sciences. We accidentally became ensnared in the Sakarov affair and spent longer in England than intended, but this gave the children an opportunity to go to British Schools. We travelled to the USSR in our trusted Toyota Landcruiser, driving to New York and then from Southampton to Moscow across Scandinavia. Once in Russia the children attended Soviet schools and Vaughan, in particular, was soon speaking Russian like a native. Russia was different from our first year there and we found living conditions under Brezhnev far worse than during the Krushchev era.

George worked with Sergei Meyen and did a lot of travelling. Towards the end he got involved in defending a soviet scientist from victimization and after winning the battle spent a couple of days with the KGB before deciding to leave for the west a month earlier than originally planned. That extra month allowed us to spend a couple of months in Finland and northern Norway where we camped and looked at rocks. It was a wonderful time for the family. Back in England we spent the rest of the summer with relatives and were able to visit an old haunt: the Isle of Skye, Scotland, which we wanted the children to experience. The big event was that we decided to return to the USA by ocean liner and set sail from Southampton to Miami on a two week voyage that was very reminiscent of our mail boat trips back and forth to Africa in the early 60's.

George was now studying what happened to organic matter in sediments and in 1974 started an organic geochemistry business [Carbon Systems Inc.] which he eventually [1979] sold to his partner: Tommy Whelan. HARTAX International Inc., was born in 1979 and still exists today as a consulting company.

We spent many summers in Colorado during the 1970's whilst George taught at the Geology Field Camp in Colorado Springs. Colorado became part of the fibre of the whole family and we all look on that state as our other home. The children learned the life of a field geologist, in many wild settings and with spectacular views of the Milky Way in an unclouded sky. The decade ended with Clare and George going to Fiji, where an old student was working on oil and gas exploration and invited George to talk on how organic matter turns into petroleum. That student, Jon Stone, unfortunately died in 1991 from a massive heart attack. Melanesia was a blast, although George nearly drowned during a dangerous dive on the front wall of a Fijian reef. He was fortunate to have a very experienced ex-military diver as a diving partner, who managed to calm him and find a way out of the current that was carrying them out to sea. We are determined to return to Fiji as soon as time and funding permits.

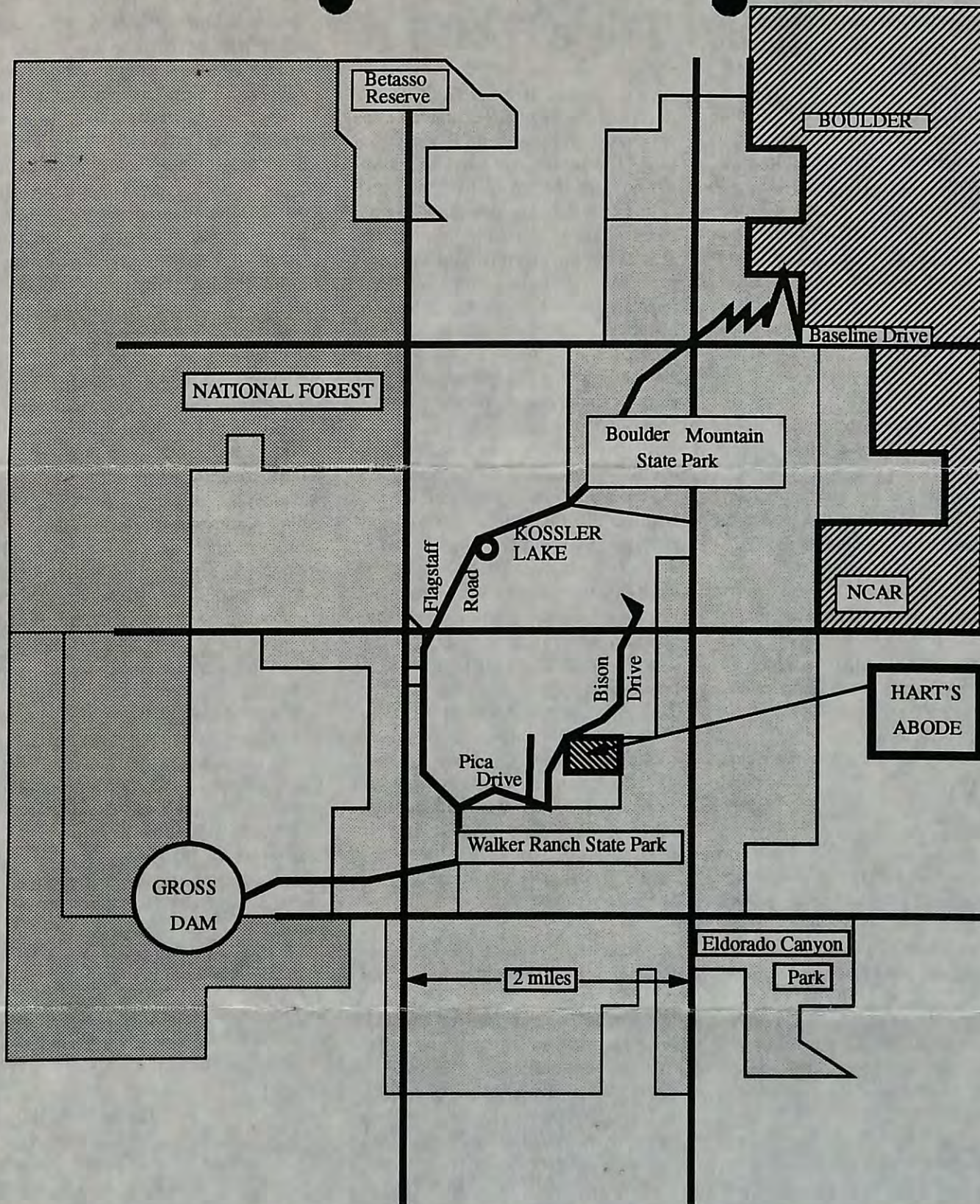
The 70's were our soccer years. Baton Rouge soccer association actually grew out of a team from Southern University and a team from the Geology Department at LSU [*Ourselves*] who played regularly together for a year before the beginning of the league games. George played for *Ourselves* for a number of years and the children were all active in league soccer. Clare was the coach of the *Cougars* and they became State Champions. We built a pool in 1974 and Clare once more took-up teaching swimming and modern dance. During this period she earned her Master of Science degree from LSU in *Dance Ethnology* and after considerable thought decided to forgo the Ph. D. and spend her time bringing up the children. Unfortunately, in 1979 Clare's mother Emily died at age 83.

The 80's

The children were now all teenagers and we were struggling to understand what being a parent was all about. We count ourselves fortunate that they never got into any serious trouble.

Clare continued to teach swimming during the 80's and gained a reputation for teaching difficult students one-on-one, although not all were difficult and not all taught one-on-one!

Throughout the 80's the whole family continued our love affair with Colorado and the Field Camp and then in 1983 Clare and George made their first trip to India when George was asked to assess a university program for UNESCO. We had both been indiophiles all of our adult life and had such unrealistic expectations of the place. We love India and it changed us deeply. Yes, India does have a seething mass of humanity but also it is a very beautiful place and exposes one to a certain contemplative sophistication. George once said he feels more alive in India than in any place or time. India is smell, it is taste and sound and, above all, it is visual colorful spectacle. It is a place that we will return to again and again for it is both agony and ecstasy.



Use the ELDORADO SPRINGS QUADRANGLE topographic map or the Boulder Street Map in Book form for a more accurate map.

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

27 September, 1993

Council for the International Exchange of Scholars
Box References
3007 Tilden St., N. W., Suite 5M
DC 20008-3009

Re: Professor George F. Hart, for Pacific Island Research

Dear Friends:

Professor Hart has been a colleague of mine in palynological research for three decades. During that time he has been one of the most innovative minds in our field. At the moment we are awaiting publication of a book by Cambridge University Press, edited by me, containing three chapters by Hart, on sedimentation of palynomorphs in which some of his very advanced ideas in this field are showcased. George has always been attracted to applications of his knowledge to the big picture, and I would imagine the chances are very good that this new notion of his to look at the interplay of the oil business, with which he has had intimate connections for all of his career, and the economies of dispersed communities of people, will produce some very interesting, important, and unexpected results. The only negative comment I could make is that the time frame seems to me much too restricted. When I did my Fulbright in Germany I was in Frankfurt from late Dec., 1991, to July, 1992, and thought there was barely enough time to accomplish the minimum sort of program I was attempting. It appears to me that what Hart wants to get done will take a bit longer than he contemplates, and I would like to see him encouraged to extend his program to at least six months from the four he plans.

As is probably clear from the first part of the previous paragraph, I believe Prof. Hart is eminently qualified to be a Fulbright researcher, and I would recommend that he be selected.

Yours very truly,

Alfred Traverse
Professor of Palynology

encl:form

THE PENNSYLVANIA STATE UNIVERSITY
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26 September, 1993

Professor George F. Hart
Department of Geology & Geophysics
Louisiana State University
Baton Rouge, LA 70803

Dear George:

The impressive vita, etc., plus the more or less incredible proposal to work in Fiji and other tropical islands (you, Gauguin, Robert Louis Stevenson, the crew of the Bounty, wow!) came and has been read with interest--also the info that you are building a new home in Boulder. Why Boulder?

I am of course more than willing to write (a very complimentary) letter for you to Fulbright Headquarters. However, I will not mention in my appraisal your characteristic inattentiveness to details!--Old friend, you failed to include the evaluation sheet and envelope which incidentally helps one direct the stuff to the right place. I could find out probably from the local Fulbright person, after I find out who she/he is, but I think you should do it. (I'm a Fulbright alum (even met Sen. Fulbright) and member of their Association.) Also, you didn't address and stamp the return card, (the famous "blue card") which I hereby enclose. It tells you clearly what to do right on it.

I'll hold your documentation here, but please send the abovementioned form and envelope, and please return the "blue card," with stamp and address affixed per instructions. If you also have contacted other referees (I think there are supposed to be three), you'd better be sure you didn't foul up with them too--they may not even know where Fulbright Headquarters is!

Best to you and Clare.

Yours very truly,

Alfred Traverse

encl.: "blue card"

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26 August, 1993

Dr. George F. Hart
644 Leeward Dr.
Baton Rouge, Louisiana 70808

Dear George:

Enclosed is a self-explanatory return letter to Darby. The LSU address is the one you gave us and the only one we have had.

1. Could you please forward the letter to Darby?
(It's the general letter we sent to all contributors to THE BOOK.)
 2. Could you please send us Darby's current address? Al needs it not only for his records, but also to forward it to CUP, so they will get it right in the author list.
- Hope all is well with you. Our "Fall" Semester began today. Once again, palynology is over-subscribed, which pleases Al very much, since it's not specifically required for any program here.

Yours very truly,

Elizabeth Traverse

encl: returned letter to Darby

G. Hart

File Hart

Bethovenstr. 36, Nr. 25 —
6000 Frankfurt a. M. 1
Germany

20. March. 1992

Assistant Registrar, Academic Appointments
Private Bag
University of Auckland
Auckland, New Zealand

Re: Jean of Science, Vacancy VAC-97
Professor George F. Hart

Dear Sir or Madam -

Re letter about a report re Dr. Hart's
candidatecy, dated 25 Feb. 92, has
just reached me after being forwarded from
my office in Pennsylvania. (I am a Fulbright
Professor in Germany this year.)

Professor Hart would be an ideal selection
for your position as Jean. He is a great
administrator, as I can testify from years
of working with him in scientific organizations
and ^{research projects.} He is a good speaker and teacher,

a very talented and productive scientist
full of innovative ideas. He has a
very broad, international background
with many previous research and job
connections in western Europe, Canada,
the former Soviet Union, Africa (where he
works on the Permian rocks is still a
standard), and — of course — the United
States. If you would like a fellow
with connections all over the world, who
will bring you new ideas and approaches
and yet will "fit in" too, I don't
see how you could do better than
George Hard!

Yours very truly,

Alfred Traverse*
Professor of Palynology
at
Penn. State Univ.

P.S. Sorry I didn't have access to
word processor!

* Alfred Traverse



THE UNIVERSITY OF AUCKLAND

PRIVATE BAG

AUCKLAND

NEW ZEALAND

TELEPHONE 737-999

25 February 1992

Ans. 20-III-92

Dear Sir/Madam,

Re. DEAN OF SCIENCE
Vacancy UAC-97

Professor George F Hart

has applied for the above position recently advertised by this University.

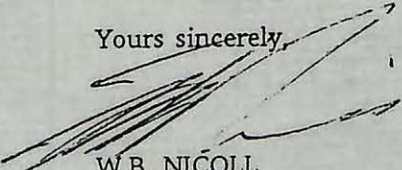
This candidate has named you as a referee and it would be very much appreciated if you could let me have a report at an early date for the information of the University. This report should include specific reference to the applicant's suitability for the position.

The University relies upon the advice of its referees and the evaluative material which you are asked to provide will be held in confidence.

It would be helpful if you would forward the report in an envelope addressed to the Assistant Registrar (Academic Appointments). Alternatively, you may wish to forward your report using our confidential facsimile number 64-9-373-7454.

Please state clearly the name and reference number of the position the candidate has applied for.

Yours sincerely,


W.B. NICOLL
REGISTRAR

Encl. Relevant information from the Conditions of Appointment

FORSCHUNGSINSTITUT UND NATURMUSEUM FRANKFURT
PALAEBOTANISCHE SEKTION
SENCKENBERGANLAGE 25
6000 FRANKFURT A.M. 1, DEUTSCHLAND (Germany)

3 February, 1992

Dr. George F. Hart
Department of Geology and Geophysics
Louisiana State University,
Baton Rouge, Louisiana, USA 70803

Dear George:

Just when you thought you were rid of me--at the eleventh hour, as the MSS are being assembled to be shipped off to C.U.P., I decided that all chapters should, after all, have abstracts. Mostly this decision stems from the fact that several of you have mentioned wanting to distribute xeroxes (or whatever) of your chapters, as if they were independent publications. If so, there should be an abstract.

Actually, many chapters were provided with abstracts, even though I didn't ask for them. Yours with Pasley & Gregory was not, and your "Maceral Palynofacies" abstract was too long. I have taken the liberty of altering it and writing one for the Hart et al. chapter, and I enclose copies of them. If you are in agreement with it, you need not respond. If you wish to change it, or wish to write another (not longer!), please whip it off to me here in Frankfurt (AIR MAIL!) immediately.

All the best.

Yours very truly,

Alfred Traverse

AT/et
encl: abstract copy

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

21 July, 1991

Dr. George F. Hart
 644 Leeward Dr.
 Baton Rouge, LA 70808

Betty and I are working away this Sunday on the three Hart MSS. There is one matter that is VERY disquieting. Whenever we have to go to the library to check a reference from the bibliographies we practically always find by serendipity at least one other error. Betty has given me a number of examples. I can't see any reason to send you a long list of them, as those we've corrected. I'll just give you one, so you know what we're talking about. Re Kraft et al., 1987, we had to go to the library to check for initials of Belknap, which you didn't provide. In the course of checking that out we discovered that the page numbers were wrong. As I was looking at the same page of your MS (xerox enclosed) my eye caught the Hunt ref., as John is an old friend. That reference looked screwy, so I went to our library and got out his textbook of petroleum geology. I enclose a xerox of the appropriate place in his biblio. It would appear that your "Hunt 1962" is the Hunt 1963b reference, but how could I be sure? Your biblio gives no title of a paper.

Betty and I just can't check every bibliographic reference. Could you get a student for \$x per hour to check the three biblios carefully? Or what do you suggest?

4 We note that a number of figures in the three papers are taken from other publications. Even if they are your papers, one still has to ask for and get permission if the figures are just used over again. If the figures are from the papers of others it is especially important to get permission. Who is going to do this?

Speaking of figures reminds me that some of them are not in final form--e. g., in the Hart, Pasley, et al., MS, one of the copies you sent me has indications of problems written in blue ink on the xeroxes of the figures, and I don't see evidence that these problems have been addressed in the package of figures--Fig. 6, for example, has "Dendogram" instead of "Dendrogram" at the top, and some other problems. Did you intend that we would have these drafting jobs done here? That's an industrial strength order.

Well, old friend, I know this is tough going, but I need HELP and I need it fast. The rest of the project is coming along pretty

well. Best wishes, as ever, and greetings to Claire.

Yours very truly,

Alfred Traverse

encl

HUNT INSTITUTE
DEPARTMENT OF BOTANICAL
PALYNOLOGICAL LABORATORIES
400 BERRY BUILDING
UNIVERSITY PARK, PA 16802
Phone: (814) 863-7623 Fax: (814) 863-7623

12 July, 1991

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Now I'm almost done with all the basic MS business. There do remain some loose ends, however. One of them is Hart, Farley and Gregory (-MS #1).

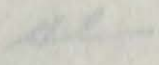
You will recall from my letter of 13 May that this MS was enough different from the first version (at least I thought so), that I needed to let the original reviewer have another go at it. I have had his reaction back for about two weeks, but haven't had time to contact you about it.

I enclose a xerox copy of the reviewer's comments. Could you please send me as soon as possible what you think should be done? It occurs to me that some of it I could take care of editorially with your permission, though I recall from our session a year ago that we don't always see eye to eye about these things, and I thought you should get a chance to respond personally.

I hope to hear from you yesterday about this (as well as to get a response to mine to you of 7 June to you about this same MS-- problems that we ran into independently of the reviewer.):

All the best to you and Claire.

Yours very truly,


Alfred Traverse

encl

University of Hawaii at Manoa

THE PENNSYLVANIA STATE UNIVERSITY
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12 July, 1991

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Now I'm almost done with all the basic MS business. There do remain some loose ends, however One of them is Hart, Pasley and Gregory ("MS #3).

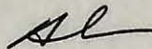
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I hope to hear from you yesterday about this (as well as to get a response to mine to you of 7 June to you about this same MS-- problems that we ran into independently of the reviewer.)

All the best to you and Claire.

Yours very truly,



Alfred Traverse

encl



file G.F. Hart

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
University of Hawaii at Manoa

Department of Geology and Geophysics
School of Ocean and Earth Science and Technology
2525 Correa Road • Honolulu, Hawaii 96822
Telephone (808) 956-7640 • Facsimile: (808) 956-2538 • E-Mail: HAWAIIIGG.DEPT

Dr. George F. Hart
544 Leeward Drive
Baton Rouge, LA 70808

June 7, 1991

Dear George:

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

Dear Dr. Traverse,

Thank you for your letters of recommendation. It is always a difficult problem to decide who the top people are among an applicant pool. We appreciate your time and effort in writing a letter of recommendation because it has made our job easier, especially for candidates we don't know. Your kind words and specific comments about the applicant are much appreciated.

Sincerely,

Ralph Moberly
Search Committee Chair

RM/Ima

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

7 June, 1991

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Good to have talked with you a couple of times recently. The fax to Hawaii went off, I hope in time! it finally was sent after their office closed on the 3rd but before it opened on the 4th.

Enclosed are 6 5x8" sheets of problems noted in bibliography and table and plate captions in "Hart 3" = Hart, Pasley & Gregory. Disregard #3 and #15, since these are style matters we will take care of. Table caption problems are all misspelled scientific names or questions of upper vs. lower case. With your permission, we will simply correct. Re the biblio. problems (mostly lack of complete citation = no abbreviations), could you please send us back asap the corrections &/or enhancements? We will then correct the master computer copy of the MS. (We have kept a copy of the little sheets.)

Hope you get one of those great jobs.

Yours very truly,

Alfred Traverse

AT/et

file George Hart

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

faxed to: 808-956-2538

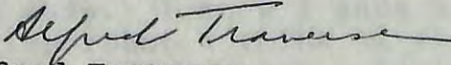
4 June, 1991

Dr. Ralph Moberly
Search Committee for SOEST Associate Dean
University of Hawaii
2525 Correa Road
Honolulu, Hawaii 96822

Dear Dr. Moberly:

It has come to my attention that you are considering Dr. George F. Hart of LSU, for a position as Associate Dean at the University of Hawaii. On the chance that it might be helpful, I wanted to share with you my observations about Professor Hart. I have known him since our early post-Ph.D. years. He is one of the most dynamic and productive people I have ever been associated with. We are currently working together on a book project for Cambridge University Press, and I have found his breadth of knowledge in our field astounding. George is also a fine organizer and administrator. This I know especially from the many short courses he has organized at LSU and from working with him on scientific society projects. When I visit George in Baton Rouge (for example, last July for a week) I am always impressed with his gift for dealing with people--everybody at LSU knows and likes him--somewhat unusual for a practitioner in a rather specialized area of research. But George is also very well known in the oil industry and in many other places where geology is applied to solution of human problems. All in all, I am sure you would be glad you hired Dr. Hart, as I can't imagine him being other than a great success in this, as in all his previous endeavors. A man with truly pan-continental experience, he would bring an international flavor to your program and university. If I could provide more information that would be helpful, please call me.

Yours very truly,


Alfred Traverse
Professor of Palynology

AT/et

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(713) 965-4033

(713) 965-7279 fax

3 June 1991

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

Dear Alfred:

I enclose my comments on the Hart paper. I have no particular objection to be identified to Hart et al., but I do want to make clear this time (as I failed to last time) that comments in this letter are for you only.

One criticism for the editor: the copy you sent me did not reproduce the handwritten numbers on the figures very well so I had to do some work to discover the numbers of each figure.

I am particularly troubled by the lack of a larger context for Hart et al.'s data. Even the phraseology is bad in places as it gives the impression that Hart is the only one in palynology who has ever thought about questions of particulate organic matter and depositional environments. So much for Burgess, Jan Muller's modern work, and Batten and Boulter and Riddick, usw. Even the paragraph defining maceral facies initially credits Hart in a way that seemed to allow for no one else's use of maceral and I guess Stopes should be glad she was dragged in at all. I haven't done any of this work, and I feel insulted so I can only imagine how Batten would feel. It is good that Hart wants to concentrate on his and his students' contributions to this field, especially as much of the thesis work is unpublished, but he must at least bow to the other workers. Ideally he would do this in both the introduction and the conclusions/summary [not a part of the current ms] so as to have the larger context at both ends. I know I have stressed to you before in reviews how important I think it is for the papers in this volume to be connected to each other internally, so that the volume doesn't just appear as a collection of papers produced by people in hermetically sealed rooms (unfortunately true of a lot of 'symposium volumes' these

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

13 May, 1991

Dr. George F. Hart
644 Leeward Dr.
Baton Rouge, LA 70808

Dear George:

Good to hear your voice last Saturday. I was working in my fields, weeding Iris beds and came in for lunch when you called.

I'm glad to have the final versions of everything. I am now really getting down to the absolute deadline for MSS, if I am to deliver a completed book MS to CUP by no later than August, as I must.

"Papers 1 & 2" are the ones we worked on in B.R. last summer (and had much fun doing it!). So, I presume they're ready for final editorial work. "Paper 3" is the one I was carrying as "Classification of particulate organic matter....etc.," by you alone. We worked on it in B.R. too, but it was really a preliminary MS then. You weren't happy about it and sent a revised version which I got on 9.VIII.90. It seems now to be pretty considerably different, even from that version, and I suppose I should let the original reviewer, who is very helpful, have another go at it--probably will help me with editorial work. If there are any unforeseen problems I'll get back to you, of course!

What a great day! I can now just forget about the 2-3 impossible laggards and meet the CUP August deadline!

Best to Claire.

Yours very truly,

Alfred Traverse

AT/et

TO: AL TRAVERSE
[GEOLOGY]

file George Hart

AL FAX To:
Ralph Moberly,
808-956-2538

Dr. Ralph Moberly,
Search Committee for SOEST Associate Dean,
University of Hawaii,
2525, Correa Road,
Honolulu, Hawaii 96822.

April 24, 1991

Dear Dr. Moberly,

I wish to apply for the position of Associate Dean, School of Ocean and Earth Science and Technology as recently advertized in the Chronicle of Higher Education. I believe that my research record, sustained interest and involvement in education, administrative experience and multi-cultural exposure make me uniquely qualified for the position.

Throughout my professional career, I have had considerable exposure to, and experience with, a broad range of disciplines within oceanography, coastal processes, and earth science and technology.

Yours sincerely,

George F. Hart,
Professor of Geology and Geophysics.

B32 / BULLETIN BOARD: Positions avail

ASSOCIATE DEAN

University of Hawaii at Manoa
SCHOOL OF OCEAN AND EARTH SCIENCE
AND TECHNOLOGY

The University of Hawaii's School of Ocean and Earth Science and Technology is seeking a highly qualified candidate for its Associate Dean.

The selected candidate will be primarily concerned with the instructional programs in the four academic departments, Geology and Geophysics, Meteorology, Ocean Engineering, and Oceanography, and the Marine Opinion Undergraduate certificate program, that are incorporated in the School. He or she will be expected to provide leadership and an environment supportive of excellence in graduate and undergraduate education and in research in ocean and earth science and technology.

To accommodate the needs of the instructional component of the School, the selected candidate, with the oversight of the Dean, will be responsible for faculty development, curriculum development, academic program review, and will consult and interact with the Dean for program administration. Other responsibilities as required by the Dean may include matters such as fund raising, budgeting, planning, and international cooperative programs of the School.

Applicants must have a Ph.D. or equivalent degree in a relevant field, a commitment to the importance of teaching in School; experience in obtaining programmatic support; experience in the science arena; and a reputation in research so as to qualify for appointment at full professional rank within one of the departments of the School. Applicants should have 3 or more years of experience in academic administration in higher education including responsibility for a major budgetary program of instruction in science or technology; knowledge of academic administration, philosophy of higher education, student services policies and programs, and management principles and practices.

Salary commensurate with experience. Starting date: 1 August 1991 or as mutually acceptable.

Applicants should submit a statement of interest, a current résumé, current citizenship and visa status, and addresses of four references to: Ralph Moberly, Search Committee for SOEST Associate Dean, School of Ocean and Earth Science and Technology, University of Hawaii, 2525 Correa Road, Honolulu, Hawaii 96822, no later than 7 May 1991.

Qualified women and members of minority groups are encouraged to apply. The University of Hawaii is an Affirmative Action, Equal Opportunity Employer.

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12 February, 1991

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Just read your paper with W.A.G. in Palynology. Do you have a version of Text-Fig. 7 in one of your book chapters? Looks like a natural (and Palynology doesn't mind being copied).

Best.

Yours very truly,

Alfred Traverse

AT/et

Haro

20 Jan 1991

Dear George

My rolls of film are after a long time in the works! The enclosed evoke many happy memories of last July.

However, we now need to get the final versions of your three a.c.s. Please see mine of 14 November and its enclosures.

All the best to you and Claire, as always.

Yours as ever,

Al

encl.: photos

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14 November, 1990

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Yours of 3 November just in. You will have by now received my postcard that more or less anticipated yours, as if ESP were at work. I loved your "new letterhead", and the orchid card (have you meditated on the etymology of "orchid"?).

No, I wasn't in Banff or at GSA. I know I regaled you with the tales of my spending great gobs of time on my poor mother's affairs. It got worse, as I noted on the card, culminating with her death, after surgery, on 11 October. It is no tragedy, but it did knock out the whole month of October. I had already decided in July that if I were to fulfill, even minimally, my obligations around here, I couldn't go to meetings until....

Which brings me to the book. As I noted on the card, I need to hear from you re the letters I wrote you on 31 July, 10 August and 17 September. In case you never got them, I enclose xeroxes. What about the illustrations we had talked about and corresponded about?

Gee--I'm sorry if I offended by getting a review of MS-3! I guess it was slightly helpful?--and I did warn the reviewer that it was a "provisional MS."

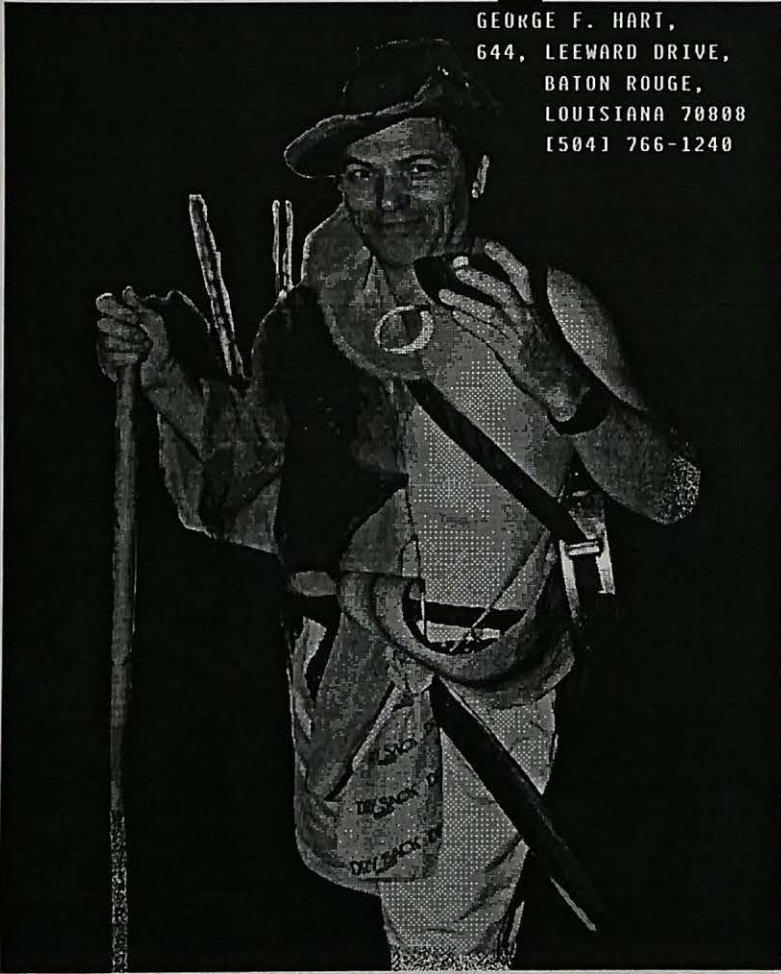
All the best.

Yours very truly,

Alfred Traverse

AT/et
encl: xeroxes

GEORGE F. HART,
644, LEEWARD DRIVE,
BATON ROUGE,
LOUISIANA 70808
(504) 766-1240



How do you like my
new letter head. I
eff.

P.S. Report to be by. 3rd Nov. 1950

Dear QLS

I was wondering why I had not heard from you for ages & then I found the card I had written to you when I returned from Europe stuffed in my old brief case - so now I know.

Al I originally wrote to thank you for the delightful gift - THE book. I am very fond of this and will treasure it.

I had expected to see you at brief but I guess you 'did' GSA instead. It was an excellent meeting in a perfect setting - we should hold it there

every year!

Clara & I had a good trip to Europe & the QLS scores were very good. The trouble is a month off really lets the work build up - I currently have 14 papers awaiting final manuscript. As I get older it seems there is so much left to do but I also begin to ask the question 'for what purpose?'

What was of the book. I was surprised to get a review of paper #3 as I regarded it as simply a very rough manuscript to see if there was what was needed. I will send all
3 by 2nd November. George F.

The Pennsylvania State University
Department of Geosciences
Palynological Laboratories
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phone: 814-863-3419
fax: 814-865-3191

17 September, 1990

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Here's the review of your insto-chapter on classification. Farley was a perfect reviewer, as he is a crackerjack mathematician/statistician, and a guy who knows the Darrell/Hart work from the ground up. I've checked the review a bit and find the suggestions reasonable and helpful. Could you now get down to the revision/expansion work? What about the illustration suggestions in my letter of 10 August? Did you get it? Just to be on the safe side, I enclose a copy.

All the best. Please respond asap!

Regards to Claire.

Yours very truly,

Alfred Traverse

AT/et
encl

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10 August, 1990

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

A huge package postmarked 6 August (!--I thought you were to be in UK until 17-VIII) just arrived--with the MSS. Talk about people reading each other's minds! I wrote you a few days ago suggesting we need plates of the maceral types. I think it's more or less essential. We could go with the original plates you mention, or I could take some new ones from your slides, if you'd loan the slides. I'd return photos to you to check to be sure they're ok. Or--we could use partly your old ones and partly new ones. I'm very expert at recrafting plates. I rather like the idea of them being a tad different from the Palynology paper--or are these unpublished Hartax plates, not in Palynology?

All the best to you both.

Yours very truly,

Alfred Traverse

AT/et

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31 July, 1990

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

This should be waiting for you on your return from UK. Hope you and Claire had fun.

Re the classification paper you printed out during our last hours together, I wonder if it shouldn't have a plate (or two) showing representative examples? If you are not in a position to do same, could you send some of the slides on loan for me to have a go at it? It would be educational for me--and you'd get to critique by mail during the procedure (unless you'd like to come here and do it with me?).

All the best.

Yours very truly,

Alfred Traverse

AT/et

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21 May, 1990

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Well, I've done the best I could with Midway Airlines, viz.:

Mon., 9 July

Depart Pittsburgh 10 a.m., Midway #367 to Chicago
Arrive New Orleans 4:20 p.m., Midway #193

Sun., 15 July

Depart New Orleans 12 noon, Midway #312

I really had planned to leave ~~SA~~^R on Saturday, but the frequent flyer award requires staying through a Saturday.

In New Orleans I have a rent car reserved, but depending on where I'll stay in Baton Rouge I wouldn't really need it if there were an easy way to get to Baton Rouge. My student could probably drive me to New Orleans on Saturday or Sunday, 14-15 July, but Monday is a work day for him, so I have to get someone else to take me up on Mon., or go with the rent car plan. This is a no-budget trip, so I'll try to cut as many corners as possible. I remember your saying something about picking me up. If possible, that would be great, and I'll then cancel the rent car.

Which brings me to where I'll stay. Does LSU have a "visiting scholar room" or some such I could occupy at a reasonable charge? If not, do you know of other possibilities? I know I'll need A/C, but otherwise I am not hard to please!

I'm looking forward to this. You should also be hearing from me about the 2 MSS soon.

Yours very truly,

Alfred Traverse
Professor of Palynology

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25 January, 1990

Professor Dudley D. Culley, Chairman
Graduate Dean Search Committee
c/o 240 Thomas Boyd Hall
Louisiana State University
Baton Rouge, LA 70803

Dear Professor Culley: *file*

Professor George F. Hart is, as you know, a candidate for the position of Graduate Dean at LSU. I am writing you in support of Dr. Hart's application.

George Hart has been well known to me for three decades. Mostly this has to do with our mutual profession of paleopalynology, in which Dr. Hart has been a leading figure for his entire, very distinguished career in Europe, Africa and North America. Not only have his own publications been very important and voluminous contributions, but through his students his influence has spread all over the palynological world. I know of nobody who has had more influence in more different areas of the profession than George Hart. He is, for example, the world's authority on Permian palynomorphs, as well as on the sedimentation of palynomorphs and the linkage between this and sediment types and sedimentary environments in general. (He and I are at present collaborating on a book about the latter subject.)

I also have known Dr. Hart very well through having participated in a number of the famous and numerous short courses he has organized over the years at LSU. Anybody who has taken part in these courses will testify that they demonstrate Hart's ability to organize, respond swiftly to problems, smooth ruffled feathers, and assure that everybody present feels he is of great importance to the organizer. Hart showed that he understands both academic and industrial/governmental researchers very well. The courses were beautifully planned masterpieces and reflected great credit on LSU. Because Dr. Hart taught part of all of several of these courses himself, I can testify that George is an excellent, well organized, eloquent teacher.

I also have worked with Professor Hart in the American Association of Stratigraphic Palynologists, with which we both have been heavily involved since its inception in 1967. (The first annual convention was at LSU in 1968, with George as local chairman. The second convention was at Penn State in 1969, with me as chairman.) Dr. Hart's administrative talents were obvious in all of these activities.

In summary, it is my opinion that Professor George F. Hart is a man who would function admirably as a graduate school dean at LSU (or elsewhere). In fact, I cannot help but think how very much George resembles our own graduate school dean (Charles L. Hosler). I heartily endorse Professor Hart for the post at LSU.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

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6 November, 1989

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

I've got back from a reviewer the Darby & Hart "carbonate" MS. A serious problem is, however, that the reviewer had the earlier version, not the one you mailed on 21 September, and some of his and my comments no longer pertain. However, I am returning the MS the reviewer had and a xerox of his letter. I believe the reviewer is at least partly right about the abstract. Protistoclastic and phytoclastic could be handled perhaps as follows, "...an assemblage dominated by fragments of plant tissue (phytoclastic)...." In other instances (e.g. protists on p. 4) I like your language better. But he's right that the abstract should be as self-explanatory as possible.

The "sub-environment" business bothers me a little, too. However, the sample-bit, etc., on pp. 8-11 makes it clear what is going on, and I guess I'd handle it by saying in the abstract (line 3): "ten sub-environments of five environments in...." o.k.?

The illustrations have been so changed that the reviewer's comments don't seem to apply much. You've in fact done much of what he wanted done. Regarding Figs. 7-9, shouldn't a reduced version of the key go on each one? Seems so to me. In Figs. 10-12 shouldn't each quadrant be A, B, C, or D? I haven't checked, but there should be some way of referring to the individual maps in the text.

We should have the originals to the figures & tables, when you respond to this. I believe the best thing at this point would be to red-pencil the MS from the reviewer, responding to his comments. I'll make further, purely editorial corrections here.

So, old friend, please respond to all of this. Best way would be to return the MS with your red-pencillings, and a letter with further comments.

All the best.

Yours very truly,

Alfred Traverse

P.S. A purely personal vibe: how come Traverse & Ginsburg's early study of microfossil sedimentation in a carbonate environment wasn't cited? Huh?

AT/et
encl: MS with comments

Yours very truly,

Alfred Traverse

THE PENNSYLVANIA STATE UNIVERSITY
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435 Deike Building
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phone: 814-863-3419
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26 September, 1989

6 November, 1989

Dr. George F. Hart
Department of Biology
University
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Did I ever acknowledge receipt of the MS,
"Maceral-palynofacies...etc." mailed on 21 Sept. 89? It came in
good order, and I'm getting a review from one of our colleagues.

Could I have a fax number for you?

All the best.

Yours very truly,

Alfred Traverse

AT/et

AT/et

THE PENNSYLVANIA STATE UNIVERSITY
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435 Deike Building
University Park, PA 16802
(814)863-3419

26 September, 1989

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, LA 70808

Dear George:

As you probably guessed, I was in bed and almost asleep when you called before leaving for Europe. I should have asked you about the Darby & Hart "Floridian" MS--it is in the review process, and I'm assuming that there were no last minute revisions or whatever from your end. Unless you are having mail forwarded to you in U.K., this will be another thing for you to attend to when you get home in November!

I naturally am looking forward to the other MSS with great anticipation!

Hope you and Claire have had a great time of it. Welcome home.

Yours very truly,

Alfred Traverse

AT/et

All the best,

Yours very truly,

Alfred Traverse

AT/et

THE PENNSYLVANIA STATE UNIVERSITY
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Social and East European Affairs
Office of International Affairs
National Academy of Sciences
2101 Constitution Avenue, NW (H-215)
Washington, DC 20419

9 May, 1988

Dr. George F. Hart
Hartax International
644 Leeward Drive
Baton Rouge, LA 70808

Dear George;

You will probably recall that at the time I organized Symposium 12 for IPC-Brisbane, I mentioned that it is a good idea to submit essentially the platform MS, plus a few illustrations, for the Proceedings volume (Elizabeth Truswell, editor).

However, I also mentioned to you over the phone that I am negotiating with Columbia University Press to publish a volume on palynomorph sedimentation and related matters, based on longer versions of some of the Brisbane lectures, and chapters by others (such as D. Batten) who are not involved in the IPC symposium.

I have the MS by Darby and Hart in hand, and it will be very valuable for this volume. However, would you personally consider doing a chapter for the volume, summarizing your most important ideas on "palynofacies," "palynodebris," etc..? It would be a marvellous enrichment for the planned book.

Another related idea: how are the chances of a chapter presenting in full the Darrell & Hart work from some years ago to get that thesis work into print?

Please think about these suggestions and write me as soon as you can with your yes/no reactions. I am under pressure from Columbia Univ. Press to produce a table of contents, etc.

All the best.

Yours very truly,

Alfred Traverse

AT/et

CONFIDENTIAL REFERENCE FORM

REFERENCE FORM MUST BE POSTMARKED NO LATER THAN FEBRUARY 28, 1987

Please complete and return to: Soviet and East European Affairs
Office of International Affairs
National Academy of Sciences
2101 Constitution Avenue, NW (JH-218)
Washington, DC 20418

Name of applicant: GEORGE FREDERICK HART

Name and affiliation of referee: PROFESSOR ALFRED TRAVERSE, Dept. of Geosciences, Penn State Univ.

Program applied for (check appropriate box):

- | | |
|---|---|
| <input checked="" type="checkbox"/> Academy of Sciences of the USSR | <input type="checkbox"/> Hungarian Academy of Sciences |
| <input type="checkbox"/> Bulgarian Academy of Sciences | <input type="checkbox"/> Polish Academy of Sciences |
| <input type="checkbox"/> Czechoslovak Academy of Sciences | <input type="checkbox"/> Academy of Romania |
| <input type="checkbox"/> Academy of Sciences of the
German Democratic Republic | <input type="checkbox"/> Council of the Academies of Yugoslavia |

The National Academy of Sciences has the responsibility of selecting the best qualified American scientists for scientific research in the institutes of the appropriate country, for periods ranging from one to twelve months. The benefit which the participants in this exchange program will derive from their stay will depend in part on the wisdom with which the selections are made.

We request candid and complete references, for we must rely heavily on the judgment of persons who know the applicant. A candid commentary which assays both the applicant's strengths *and* weaknesses not only will assist the selection panel, but also will benefit the applicant. All references will be kept strictly confidential.

If applicant is applying for more than one program, please judge qualifications separately according to country.

1. How long have you known the applicant and in what capacity? Since about 1966, as a colleague, fellow officer of scientific organizations, and as a participant in short-courses he has organized at LSU.

2. Have you seen the completed application to which this reference refers? Yes (x) No ()

3. How would you compare the applicant in intellectual ability, professional competence, and promise with others you have known at the same stage of their professional careers?

George Hart is an outstanding figure in paleopalynology and also in computer science and sedimentation of organic matter, especially in connection with petroleum exploration. He seems to have a knack for doing things that turn up on the frontier of science. He is clearly a leader.

4. If applicant were applying to your institution for a position:

- a. Would you seek the applicant as your colleague? (x)
- b. Would you be willing to have the applicant as your colleague? (x)
- c. Would you rather not have the applicant as your colleague? ()

5. If you feel competent to make a judgment, how would you rate the applicant's proficiency in the language of the country to be visited: His Russian is much better than he says. I find it slightly puzzling that he downplays it.

6. Is there anything else about the applicant, professional or personal, which you believe a selection panel should take into consideration?

As a student in USSR, George was favorably impressed with Soviet science, but like others I've known, his professional visits "cured him" of that!

7. Do you—(check one)

- a. strongly support the applicant's proposed exchange visit? (x)
- b. support the applicant's proposed exchange visit? ()
- c. not support the applicant's proposed exchange visit? ()

8. Recognizing that all of us have our strengths and weaknesses, what do you consider to be the applicant's strengths and weaknesses, academically and personally?

The strengths I have discussed partially under 3 above. He is resourceful, well organized and very intelligent. On the negative side I could mention that he tends to take up many things for a while and then move on to other things when the original luster is a bit dimmer. He is a scientific-entrepreneur par excellence. Not to say that's necessarily bad, but he does have a tendency to do an enormous amount of work that needs more polishing, publish it, and move on. Some of us would be more comfortable if he completed and polished up some of these things. Nevertheless, his work has been of great importance. His 1974 work on Permian palynology, for example,

9. The special pressures and responsibilities imposed by the Soviet or East European environment require that the exchange participant be an exceptionally mature and emotionally stable person. In these respects, do you consider the applicant (and any accompanying dependents) completely qualified for an extended stay?

George is like the proverbial cat. He will always stay on his feet.

10. What is your judgment of the applicant's proposed scientific project as presented in the applicant's "Justification" statement (Item 32), with particular reference to its feasibility under conditions in the country to be visited and the applicant's capacity to carry it out discriminately and profitably? Do you consider the applicant to be sufficiently realistic concerning the problems which might be encountered in pursuing the proposed research project?

George will definitely get the most information that any US citizen could out of this visit. He knows all about Soviet bureaucracy from his previous visits.

Signature:  _____ Date 4 February, 1987

Title: Professor of Palynology

Address: Dept. of Geosciences, Pennsylvania State University, University Park, PA 16802

was much criticized for errors of commission and omission. Nevertheless, after two decades it is still a standard!

THE PENNSYLVANIA STATE UNIVERSITY
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4 February, 1987

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

The recommendation form has gone off to Nat. Acad. Sci. Hope you get the deal. The supporting documents were very interesting. I didn't really know that you're more-or-less out of palynology (except for attractive graduate students, apparently....hmmm.) at the moment.

Don't try developing 35mm film in hotel bathrooms this time.

Yours very truly,

Alfred Traverse
Professor of Palynology

—AT/et

George F. Hart,
644, Leeward Drive,
Baton Rouge,
Louisiana, 70808

1st April, 1985

15 April, 1985

Dr. George F. Hart
Hartax International
644 Leeward Dr.
Baton Rouge, LA 70808

Dear George:

Thanks for yours of 1 April, which (incredible!) took more than ten days to reach me.

Unfortunately, it turns out I'm shot down after all. The final examination for my large enrollment historical geology course has now been announced for 6:50 p.m., 8 May, and on sober reflection I realize that I really can't get away with being out of town from the 5th through the 11th. It's a bitter disappointment, and yet another reason for being opposed to our present crazy calendar (how about Fall Semester starting 15 August?).

Sorry for the inconvenience.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

George F. Hart,
644, Leeward Drive,
Bato Rouge,
Louisiana, 70808

1st April, 1985

Dear Al,

Re: Short Course 6-10 th May, 1985

The 17th Palynology Short Course on QUANTITATIVE BIOSTRATIGRAPHY will be held in the CAPITOL HOUSE HOTEL, 201 Lafayette St., Baton Rouge, Louisiana 70801 [Phone number (504) 389-7721]. The Capitol House is an excellent hotel in the modernized section of downtown Baton Rouge. It is next to the Mississippi River and within walking distance of the Catfish Town shopping and eating center. I have secured rooms for you at an excellent rate of \$40 per night [single occupancy]. Please confirm your room-booking as soon as possible, mentioning that you are with the 17th Palynology Short Course, LSU. Rooms are presently booked for Sunday through Thursday night.

Limousine service is available from the Baton Rouge airport, please do not make the mistake of coming to the New Orleans airport (it is 1.2 hours away compared with .2 hours away). On Monday evening you are invited to Hart's Abode for our traditional 'Cajun Style' get together.

Yours sincerely,

George F. Hart
George F. Hart,
Professor of Geology.

350
500

14 August, 1984

Dr. George F. Hart
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Ray Christopher tells me that his Quantitative Biostrat short-course may fly as one of your LSU short-courses. If so, I'd like to attend (it's been a long time!), so put me on your list of probably participants.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

XXXXXX
863-3419

19 November, 1981

Dr. George F. Hart
Hartax International
644 Leeward Dr.
Baton Rouge, LA 70808

Dear George:

Just tried to reach you by phone. First I got your recording, and I tried the other ("office") number, given on the recording, but I blew it and got another (tel. co.) recording. So, I tried the original number again, got your recording again--sure enough, I had mis-heard your office number. Tried it again, but got no answer. Now I'm intimidated, so I think I'll write!

Am digging out post-sabbatical. Today I am labelling those great slides of (mostly) Cretaceous dinos I paid you for while in Switzerland. Xerox of 1st sheet of identifications enclosed so I'm sure you understand. Could you provide me with a name of the responsible person for the slides? They were from one of your short-courses supposedly. Stamped envelope for answer enclosed.

Hope you are o.k. Often think of you.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl

31 March, 1981

Hartax International Inc.
644 Leeward Drive
Baton Rouge, LA 70808 USA

Dear George:

Not only was your bill of 17 March for the Cretaceous slides forwarded to me here, but some over-zealous soul at PSU shipped the slides here as well, air mail (postage \$26!). Maddening!

You should get the check for the slides in due course from PSU. All the best!

Yours very truly,

Alfred Traverse
Visiting Professor

AT/et

All Purpose Form

Number _____

ORDER INVOICE

Date 17th March 1981

DEBIT CREDIT

Your Order No. _____

STATEMENT

Sold To Dr. Alfred Traverse, Dept. Geology,
Penn. State, University, Pennsylvania.

SOLD BY	CASH	C.O.D	CHARGE	ON ACCT	MDSE RETD	PAID OUT
			X			
QUANTITY	DESCRIPTION				PRICE	AMOUNT
200	CRETACEOUS COLOR SLIDES (set)				55¢ each	
	Ordered at AASP, 1980.					\$110 00
	Shipped January 1981					
CHECK PAYABLE TO						
HARTAX INTERNATIONAL INC.,						
644, Leeward Drive, Baton Rouge, La. 70808						

RECEIVED BY _____

SPECIAL REQUEST FOR CHECK

THE PENNSYLVANIA STATE UNIVERSITY

YEE -
(Attach list if more than one):

Hartax International Inc.

Address

644 Leeward Drive

City/State/Zip:

Baton Rouge, LA 70808

VENDOR NUMBER (Accounting Use Only)

Discount Taken

Social Security No.

Post Code

VOUCHER NUMBER

CHARGE AS FOLLOWS

Ref. #	Dept. No.	Fund Name	Fund No.	Obj. Cl.	Proj. No.	Amount
80-911	224-19	General	1001	303		\$110.00

BURSAR:

Mail Check

Mail check with the attached extra copy.

Hold and notify:

Name _____
Phone _____

Date check required _____

AUTHORIZATIONS:

Carroll _____
Department Head Date

Admin. Officer Date

ADVANCE - (Over \$200) state purpose under EXPLANATION, **TOTAL** \$110.00
If travel, settlement Dept. Name: _____ No: _____
is to be charged to: Fund Name: _____ No: _____
Date advance is to be accounted for _____

PROFESSIONAL SERVICE, State purpose and duration of visit under EXPLANATION, and Social Security No.
 HONORARIUM, or and current home mailing address above.
 CONSULTING FEES -

PREPAYMENT - Mark Bursar instructions and state purpose under EXPLANATION.

PETTY CASH REIMBURSEMENT - Periodic Summary - All supporting detail attached.

UTILITY - Note the service received under EXPLANATION and attach invoice.

RENTALS, AUTHORIZED SERVICE, AND REPAIRS - Invoice attached. Explain below.

AUTHORIZED MEMBERSHIPS - Invoice attached. Explain below.

OTHER AUTHORIZED USE - State purpose under EXPLANATION and attach support.

FINAL APPROVAL:

Financial Officer Date

Controller's Office Date

EXPLANATION: Slides were purchased for teaching an undergraduate class by A. Traversa

14 April, 1980

Dr. George F. Hart
Hartax International
644 Leeward Dr.
Baton Rouge, LA 70808

Dear George:

The book re Donnie's short course came, and I have happily labelled the transparencies. It was great to get the whole book, as all you really "owed" me was a list of the transparencies! Wish I could have taken the course, but I note that the list of "students" clearly indicates the pragmatic facts of life!

I have put the requisition through for payment. This is great. Thanks for thinking of me.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

XXX

14 December, 1979

20 February, 1980

Dr. George Hart
Hartax International, Inc.
644 Leeward Drive
Dr. George F. Hart
Hartax International, Inc.
644 Leeward Drive
Baton Rouge, LA 70808

Dear George: I am sorry for the \$100 for the acritarch slides (heat!), but the bill says: "1 set of acritarch color slides and course manual". As far as I know, all I sent was the course manual. Enclosed is a xerox copy of a letter I sent you in December, inquiring about the "course manual" to go with the acritarch slides. I am with best wishes to you for a happy holiday season. I am

When you send it, please send a new bill, and all will be settled. Hope you're o.k.

Best wishes.

Yours very truly,

Yours very truly,
Alfred Traverse
Professor of Palynology
Alfred Traverse
Professor of Palynology

AT/et

AT/et

XXX

14 December, 1979

Dr. George Hart
Haftax International, Inc.
644 Leeward Drive
Baton Rouge, LA 70808

Dear George:

Gotcha bill for the \$100 for the acritarch slides (neat!), but the bill says: "1 set of acritarch color slides and course manual". As far as I know, all I got was the yellow box you put in my hand in the corridor in Dallas. What about the "course manual"? Was it to come separately? Awaiting word, and with best wishes to you for a happy holiday season, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



HARTAX INTERNATIONAL, INC.
644 LEEWARD DRIVE
BATON ROUGE
LOUISIANA 70808
(504) 766-1240

16th. March
1979

Dear

AI,

Re: Jurassic Color Slides

Enclosed please find the 150 Jurassic color slides as promised.

These slides are marked on the identification sheet; all identifications were made by Dr. W.A.S.Sargeant.

An invoice was sent to you at the beginning of the month. Please make your cheque payable to Southern Camera (of Baton Rouge) in the amount of \$77-504; and, send it to:

Clare C. O. Hart,
HARTAX INTERNATIONAL INC.,
644, Leeward Drive,
Baton Rouge, Louisiana 70808.

Thanking you in anticipation of your cooperation,

Sincerely,

Clare C.O. Hart

Clare C.O.Hart

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All Purpose Form

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ORDER INVOICE

Date Feb 23, 1979

DEBIT CREDIT

Your Order No.

STATEMENT

Sold To *Alfred Traverse*
from George F. Hart.

- 250 -

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT	MDSE RETD	PAID OUT
				✓		
QUANTITY	DESCRIPTION				PRICE	AMOUNT
150	Jurassic Color slides				77	50
	To be shipped mid-March 1979.					

G. F. Hart.
 HARTAX INTERNATIONAL, INC.
 644 LEEWARD DRIVE
 BATON ROUGE, LOUISIANA 70808
 (504) 766-1240



91-589
 Made in U.S.A.

RECEIVED BY

gave to Carol Vonada
To pay -
(1/2 Geol., 1/2 Biol)
4/27/79



HARTAX INTERNATIONAL, INC.
644 LEEWARD DRIVE
BATON ROUGE
LOUISIANA 70808
(504) 766-1240

16th. March

1979

Dear

Al,

Re: Jurassic Color Slides

Enclosed please find the 150 Jurassic color slides as promised.

These slides are marked on the identification sheet; all identifications were made by Dr. W.A.S. Sargeant.

An invoice was sent to you at the beginning of the month. Please make your cheque payable to Southern Camera (of Baton Rouge) in the amount of \$77-50¢; and, send it to:

Clare C. O. Hart,
HARTAX INTERNATIONAL INC.,
644, Leeward Drive,
Baton Rouge, Louisiana 70808.

Thanking you in anticipation of your cooperation,

Sincerely,

Clare C. O. Hart

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All Purpose Form

Number _____

ORDER INVOICE

Date Feb 23. 1979

DEBIT CREDIT

Your Order No. _____

STATEMENT

Sold To Alfred Traverse
from George F. Hart.
-LSU-

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT	MDSE RETD.	PAID OUT	
				✓			
QUANTITY	DESCRIPTION				PRICE	AMOUNT	
150	Jurassic Color slides				77	50	
	To be shipped mid-March 1979.						



G. F. Hart.
 HARTAX INTERNATIONAL, INC.
 644 LEEWARD DRIVE
 BATON ROUGE, LOUISIANA 70808
 (504) 766-1240

Chamberlain & Sons
sup ok for
1/2
6/11/79
AS
(Henderson)

91-589
 Made in U.S.A.

RECEIVED BY _____

12 March, 1979⁹⁷⁸

Dr. George Hart
Hartax International, Inc.
644 Leeward Drive
Baton Rouge, LA 70803

Dear George:

I got the all-purpose form regarding the 150 Jurassic color slides. The cost is going to be shared here by Biology and Geology, and there seems to be no problem about it. I have everybody's approval to pay for them. Looking forward to getting them. I'll pay as soon as the invoice is received.

I'm a little jealous about "Hartax International, Inc.". I wonder whether one day you will share with me advice as to whether such a move is a good thing. I have considered it but so far have avoided the step. Best wishes, old friend.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

9 November, 1978

Dr. George Hart
Dept. of Geology
Louisiana State University
Baton Rouge, LA 70803

Questions for Reviewers of
Papers for Geoscience and Man

Dear George:

1. Is this an original contribution? *Only in the sense of a new synthesis of the data - it is a new synthesis.*

2. Sorry I didn't somehow or other get to talk much with you at Phoenix, but it was good to see your shining face. I saw a note somewhere or other at the meeting about a collection of Jurassic dinoflagellate slides which could be purchased at, I believe, \$77 or some such. Did this refer to kodachrome transparencies or microscope slides? Are they available from you, as I understood? Do I have the price right? *Yes - see above.*

6. Looking forward to hearing from you, and with continued good wishes, I am

7. Are the references adequate? Do they demonstrate awareness of previous works on the subject?

8. Can the number of text-figures be reduced without impairing the paper's value?

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Review by Alfred Travencon of paper by George Hart

"Pitfall realms, Paleomagnetism and the Drifting
of the USSR during the Phanerozoic"

Comment on Title

The title doesn't fit the paper - which is largely paleobotanical, hardly

Questions for Reviewers of
Papers for Geoscience and Man

1. Is this an original contribution? *Only in the sense of a new arrangement of the data - its use has been published elsewhere before.*
2. Is the abstract informative? *Yes*
3. Is the presentation clear and well organized? *No*
4. Can the text be condensed significantly? If so, suggest how it can be done. *Yes - by putting most of plant names in tabular form!*
5. Is the title suitable? Can you suggest an improvement? *No - see review.*
6. Are locality and stratigraphic data adequate? *for purposes, yes.*
7. Are the references adequate? Do they demonstrate awareness of previous works on the subject? *not the way they're handled.*
8. Can the number of text-figures or plate figures be reduced without impairing the paper's value? *yes, by 1/2*

Review by Alfred Traverse of paper by George Hart

"Floral realms, Paleomagnetism and the Drifting
of the USSR during the Phanerozoic"

Comment on Title:

The title doesn't fit the paper--which is largely paleobotanical, hardly at all paleomagnetic and 100% (99.9%?) a review of Soviet papers. How about: "A review of Soviet paleobotanical-paleopalynological data bearing on continental drift". (I object to "...drifting of the USSR..."--not geographically precise enough and too political.)

Summary Comments:

This paper poses a veritable nest of problems, as George Hart's papers seem to!:

- 1) There is a basically good and interesting idea and project here.
- 2) The information is not at all well organized--needs much revision to help the reader--for example, the masses of plant distribution data have no explanatory subhead or indication of how they support or fail to support the drift hypothesis.
- 3) It is difficult (impossible?) to determine where George's original contribution leaves off and the borrowing from the Soviet literature begins--his technique of joint listing a bunch of authors and then giving no specific references in the text is absolutely not acceptable in a scientific journal--it would be all right in a textbook.
- 4) There is a problem regarding whether Hart's hosts gave permission for publication of the report--none of them is acknowledged by name except Meyen (!), and the paper itself has probably not been seen by Meyen (I would like to see him given such a chance!).

5) The illustrations are totally inadequately labelled and explained--as to source, purpose, meaning--let alone significance and patterns, etc.

6) The paper is just full of minor errors, omissions, etc. For example, every scientific name must be carefully checked--just by inspection I picked up dozens of errors.

7) I would recommend publishing the conclusions section, somewhat beefed up, as an abstract (?), and encourage Dr. Hart to publish the opus magnus elsewhere--as part of a book?

Specific Comments:

Abstract

1. The sweep has a grandness to it: "realms" and all that. But I wonder if the author has ever looked at a vegetational map?--his apparent (implied) notion that vegetational "realms" (oak-hickory forest?--rain forest?) are neatly latitudinal is laughable.

2. "Historical development of the USSR"--the expression is not felicitous and is misleading. How about cf "central Eurasia" or whatever?

3. Why "Narnian"? This is preëmpted in C.S. Lewis' children's stories!

p. Introduction

1. 4 suggest deletion of word.

1. 15 I don't see the helpfulness of referring to Hart's own manuscript material as such--that should be simply deleted. (Presumably everything one publishes is "so-and-so, MS"!)

1. 23 1.c.!

p. 2

1. 5 1.c.!

1. 9 pivotted?--what does this mean?

p. 2, continued

1. 10 - sp.!

1. 13 - disagreement of number.

1. 20 - 1.c.!

para. 2.--How does the reader know that Hart's "own map" agrees with Khramov's? We have never been introduced to the Hart reconstruction and certainly should be, before being "conned" by being told it agrees with some "hard" scientific data. This is not good organization. Furthermore, we are told that figs. 3-8 indicates the general model. Nobody tells us (text or figure) whether these are Khramov's or Hart's. The presumption would be (since nothing is said) that they're Khramov's. On the other hand, could, say, figure 3, be based on palynology? Is Hart trying to pass himself off as a tectonics man?--or did he really do these things?--if so, how?

What is source of "Narnian" (see previous comments)?

numbered item 1 -- it is not acceptable in any scholarly journal to present data like this--you just can't say it is supported by 'as yet unpublished data'--G & M would be a laughingstock if that went out!

number¹ item 2 -- this is more common knowledge, but even here it is fair to expect a reference foothold somewhere in the literature!

p. 3

nos. 3-4, etc. - For all of these "Phases", the reader has the right to expect documentation. It reads as if Hart is "ground-flooring" it in plate tectonics--palynology. Is he being fair to his Soviet hosts?--I have the feeling he is "ripping them off". (Am I too suspicious?)

1. 7 - 1.c.

1. 9 - cap.

1. 12 - cap.

1. 16 - 1.c.

p. 3, continued

1. 18 - "The results..." I guess "the original hypothesis" is that of continental drift? If so, the whole statement is patronizing. It would be all right to say that "the Soviet data are in line with continental drift and, indeed, offer some new implications." But the way the sentence is, and much of the rest of the paper, seem to say that Hart's examination of Soviet data makes him at least a co-savior of the drift idea. I doubt it.

last para. - In line with what was just said, this paragraph is very revealing!: "data gathered from the Soviet Union". If the whole paper ~~were~~ ^{meant} ~~meant~~ to emphasize that that's what's going on, most of my criticisms would disappear.

p. 4

1. 3 al. - Figures 9 & 10 are apparently reversed per captions! 10 has Riphean, etc. This illustrates the haste with which the Soviet graphs have been "borrowed" by Hart. Another related problem is that the captions to the figures are absolutely inadequate. The reader needs to know much more about the base to which the charts are drawn and exactly what the location of stations means. Hart is in too great a hurry to use his butterfat separator. Besides, are "Kramon's and Shapla's" data really summarized in 9-10? Without an explanation of the various symbols and their location, this reader does not regard them as presented, let alone "summarized".

1. 3 - are

1. 15-16 - l.c.! Also: "my theory of..." I can't believe my eyes. Where have I been all these years thinking that others had pioneered?

4th line from end: Permian

p. 5

para. 3, 1. 2 - these

1. 3 - indicate

para. 4, 1. 5 - in fact, ...reticence,

4th line from bottom - Paleozoic

next to last line - speculate

last line - platforms

p. 6

para. 1 - Unless I am guilty of some very bad reasoning myself, there is a bad bit of logic here. The fact that paleomagnetism permits location of ancient magnetic poles cannot be the underpinning of the proposition that the rotational axis and magnetic axis are \pm the same in geologic time! But that's what it says.

1. 7 - data were. Further note: most of this page is kindergarten stuff that will embarrass G & M.

p. 7

p. 8

para. 2, 1. 1 - Union,

1. 7 - systematics...are...revision,

comment on last sentence, para. 2 - "As can be seen from text figure 11..." For my money, with all the caption that is provided, little if anything can be seen!

para. 3, 1. 1 - add comma. Comment: where do "realms...etc." come from? Is it original to Hart? Is it (as I suspect) a Soviet device?--if so, let's be a little more generous with the credits. At least, the place to go for a definition of "realm" must be indicated--or a glossary provided.

1. 6 - systematists?

p. 9

para. 3, 1. 1 - George was in Russia too long!--"reduce" should be "decrease!"

1. 2 - and

p. 10

1. 4 - Pseudoborniaceae. General Comment: I object strenuously to "megaplant genera" and "megaflora", but especially to the former. There really is no such thing--only genera of plants. But at least one could say "megafossil plant genera", not the awful "megaplant".

Many places - not all marked - Middle Devonian, etc.

para. 3, 1. 2 - nomina nuda must be capitalized.

p. 11

1. 9 - could this be a misprint for Bothrodendron?

para. 3 - I would give the date of Naumova's first systematic paper on Devonian as 1939 ("1937")--but that is a question of opinion!

General: is it really appropriate to give this whole dreary list of papers? Couldn't references be made to a couple of the most recent ones which in turn would provide a bibliography? *

para. 4 - I object to the use of derivatives of "turmal" "names" as nouns as is done here--"Camerates". Incidentally, what is Hart's evidence of Upper Devonian conifers? (Or even Cordaites, for that matter?)

p. 12

General: Why the recitation of all successions? Are they all relevant to drift...looking ahead, I don't think so. Or is this an attempt to get it all down?

* and see earlier comment on references—they should be put in text at appropriate places

p. 13

bottom - acc. to the sentence, "...the Soviet Union is...divided into the Euroamerican and Siberian Domains." Does it perhaps mean, the Arcto-Carbonic Realm is so divided?

p. 14

para. 1, 1. 3 - Isn't the word probably manoxylic (wood with much Parenchyma)?

General: once again, and for last time, I would much prefer "megafossil plants" to "megafloora".

p. 15

1. 1 - Derivatives of generic or familial names with--id should be neither capitalized or italicized.

para. 2 - The "Pod" in "Pod-Moscovian" should be translated, not transliterated.

p. 16

para. 3 - Now we have "florizone"--how does this correspond with Realm, et al.? The subject must at least be brouched?!

para. 8, 1. 3 - A. punctatus (probably?)

p. 18

1. 2 - were

p. 19

para. 4 - Now here, for no obvious reason, we launch from spore information into megafossil plants without a word of explanation that it's a "megafloora".

last line - See comment for p. 15, 1. 1.

p. 20

para. 1 - Again, no ~~to~~ ident. that this is megafossil information!

paras. 3-4 - see comment for p. 15, l. 1.

p. 21

paras. 2-3 - as above

p. 22

characteristic species? (This makes me wonder if the text was translated from somebody's Russian!)

p. 23

para. 3 - As noted previously--the figures, with the tiny captions provided, tell me zero.

para. 5 - See sp. errors noted.

p. 24

Once again, the previous great care to tell the reader whether the information is megafossil or microfossil has been abandoned.

See sp. and punct. errors indicated.

p. 25

See sp. and grammat. errors.

p. 26

General: Whoa!--for some reason now we have megafossils and microfossils not only not identified as to category but combined in one list!

Also, we rather suddenly get author references on the names of species! (Often impossibly abbreviated for the neophytes!)

Also, see corrections indicated.

p. 27

Same comment as above. The abbreviations of specific authors are erratic and probably badly need checking--but why use these in parts of the Triassic section, not elsewhere??

See corrections.

p. 28

para. 1 - last sentence--doesn't make sense.

See few corrections suggested.

p. 29

para. 2 - "The palynoflora...does not aid in defining the palynofloral realms of domains..." I don't get the sense--is it a mistake?

para. 5, 1. 5 - Here is a good illustration of problems caused by using turmal "names" as nouns--"Striatiti" reads like the second author (Italian?): "Rom and Striatiti".

See the few corrections shown.

p. 30

See corrections. The names of species, the spelling of author refs., etc., must be thoroughly checked!

p. 31

See corrections.

p. 32

See corrections.

p. 33

See corrections and suggested changes.

1. 9 - what's a plumlet?--a cherry?

p. 34

See corrections indicated.

General: I believe Hart's practice of listing a whole series of references from which he gleaned, without telling the reader what came from where is a lazy way out and also probably unethical--it means that when-- just to take a small example--Hart says "In eastern Siberia, a series of new species of Cladophlebis appears..." one doesn't know whether this is Hart's own data or not. I believe he should not be allowed to get away with this. Every lifted bit of data must be referenced. To do so will require about 100% rewriting.

p. 35

See corrections.

p. 26

See corrections.

p. 37

See corrections.

p. 38

See corrections.

p. 39

See corrections.

General Comment on Conclusions section--the guts of what Hart wants to say is all in this section. Why not enlarge it slightly and illustrate with examples and publish that?

p. 40

Acknowledgements - Has the paper been sent to S. Meyen for critique?
He reads and writes English like a native, and it would be extremely

p. 40, continued

interesting to me to know if he thinks what Hart is doing is o.k.

Important - Is there no bibliography? If so, why not here?

See corrections for page.

Figure Captions

See comments, other places, re inadequacy of captions! The figures also may be inadequate, but without understandable captions one can't tell! They seem largely incomprehensible.

*file as
course.
Hart*

7th PALYNOLOGY SHORT COURSE

CENOZOIC PALYNOLOGY

January 5-8, 1975

by

Margaret B. Davies, Yale University

Jane Gray, University of Oregon

and

William C. Elsik, Exxon Company, Houston

at

School of Geoscience

Organizer: George F. Hart, LSU

PURPOSE:

The short course will be an intensive lecture-laboratory sequence designed to acquaint palaeontologists, neontologists, and geologists with the taxonomy, paleoecology, and biostratigraphy of the Cenozoic miospores (spores and pollen of the higher plants).

COMPOSITE FEE:

A fee of \$100 will include coffee, handouts, and conference registration. The course will be limited to 30 external participants.

PREVIOUS COURSES:

First: May, 1968

W.A.S. Sarjeant, Visiting Professor, University of Oklahoma.
THE DINOPHYCEAE AND ACROTARCHS.

Second: October, 1968

W.H. Chaloner, Reader, University College, London.
PALYNOLOGY AND ENVIRONMENTS

Third: July, 1969

W. Hay and S. Gartner, University of Miami.
SYSTEMATICS AND DISTRIBUTION OF THE CALCAREOUS NANNOPLANKTON

Fourth: January, 1971

W. W. Wornardt, Jr., Union Oil, Research California and
K. E. Lohman, Smithsonian Institute.
SYSTEMATICS, ECOLOGY AND BIOSTRATIGRAPHY OF THE BACILLARIOPHYCEAE
(DIATOMS)

Fifth: January, 1972

B. Richardson, London,
J. Sullivan, AMOCO, Ltd. Canada, and
George F. Hart, Louisiana State University.
PALAEOZOIC PALYNOLOGY

Sixth: January, 1973

M. Fisher, Robertson Research, North America
S.A.J. Pocock, Imperial Oil Enterprise, Calgary, and
R. Tschudy, U.S.G.S., Denver.
MESOZOIC PALYNOLOGY

PROGRAM

Wednesday, January 8.

8:30 am	Registration in Pleasant Hall
9:00 am	Welcome Address
9:00-12:30	TECHNICAL SESSION (DAVIES) Quaternary Palynology
12:30 pm	Lunch
1:30-5:00	TECHNICAL SESSION (DAVIES) Quaternary Palynology and Miospore Sedimentation
8:30 pm	Hart's Get Together!

Thursday, January 9.

9:00-12:30	TECHNICAL SESSION (GRAY) Neogene Palynology, Taxonomy
12:30 pm	Lunch
1:30-5:00	TECHNICAL SESSION (GRAY) Neogene Palynology, Stratigraphy
8:30 pm	DEMONSTRATION SESSION: Light Microscope

Friday, January 10.

9:00-10:30 pm	TECHNICAL SESSION (GRAY) Neogene Palynology, Stratigraphy
11:00-12:30	TECHNICAL SESSION (ELSIK) Paleogene Palynology, Taxonomy
12:30	Lunch
1:30-5:00	TECHNICAL SESSION (ELSIK) Paleogene Palynology, Taxonomy
8:30 pm	DEMONSTRATION SESSION: Light Microscope

Saturday, January 11.

9:00-12:30	TECHNICAL SESSION (ELSIK) Paleogene Palynology, Stratigraphy
12:30	Lunch
1:30-3:00	TECHNICAL SESSION (ELSIK) Paleogene Palynology, Stratigraphy
3:00 pm	Closing Remarks, George F. Hart, LSU.

PROPOSAL RATING SHEET

free

Evaluation should be based on scientific merit of the proposal and competence and potential for growth of the investigator(s). A brief comment as well as an over-all evaluation will be appreciated. Please return to: The Petroleum Research Fund, 1155 16th Street, N. W., Washington, D. C., 20036.

REVIEWER

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

March 9, 1972
Re: PRF # 6603-AC2
Principal Investigator:
Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana
Please return with proposal
by March 30, 1972

Dear Dr. Traverse:

COMMENTS have had an opportunity to discuss this research work with Dr. Hart and with the palynologist who will actually do the bulk of the work, Meredith Lieux. The project seems well conceived, and LSU is a well equipped place to do the work from nearly any point of view--the only way that I could fault them is on the quality of their microscopes (Dr. Lieux, for exsmple, is working with a \$500 Olympus scope). Although many of us have done the same sort of work as is proposed while we were employed by various oil companies, relatively little of this has been published, and Dr. Lieux's results can hardly fail to have an important contribution to make.

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As far as the proposal itself, is concerned, I believe it would have been much more helpful if more were presented about what Dr. Lieux proposed to do and less hoopla about Dr. Hart's contributions, which are impressive, well known, and largely irrelevant. The proposal proper is really pretty thin. Yet, as I say, the proposed work is in an area of research which has had too little attention, and I feel sure that conclusions about the sedimentation of spores and pollen in the Gulf of Mexico region which will be important to palynology generally.

- X
- X OVER-ALL EVALUATION
- () Truly Exceptional
- () Excellent
- () Very Good
- () Good
- () Fair
- () Poor

Dr. Edward Stanley
Dept. of Geology
University of Georgia

OTHER SUGGESTED REVIEWERS

Please see definitions for over-all evaluation on preceding page.

Alfred Traverse
Signature and Date
3-14-72

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DOLOMA

21st April, 1970.

Professor Alfred Traverse,
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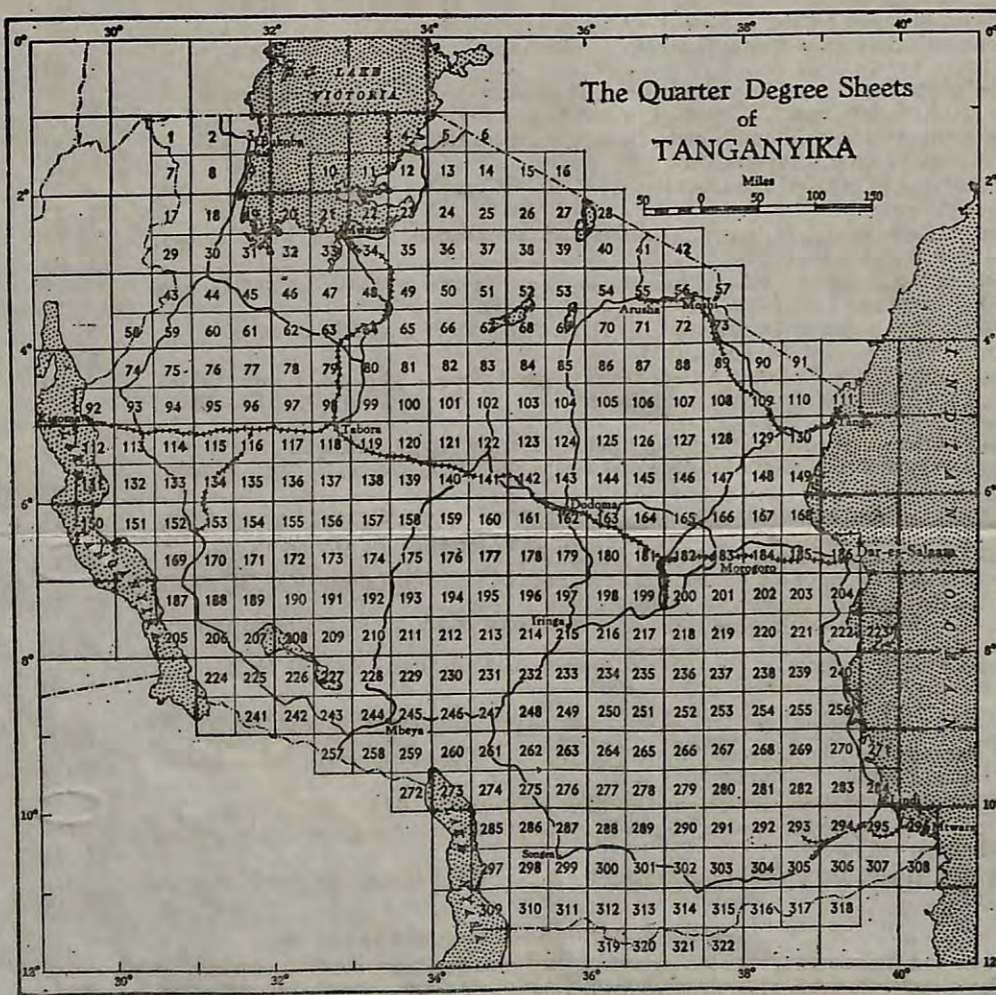
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	Price		Postage	
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No. 1.—Explosives Ordinance No. 56 of 1963	2	00	0	15
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No. 3.—Gemstone Industry (Development and Protection) Act No. 11 of 1967	1	70	0	15
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No. 5.—Mining Regulations of 1964	1	65	0	15

NATIONAL SCIENCE FOUNDATION
PROPOSAL RATING SHEET

Oct. 30, 1971

for George Hart

Reviewer Dr. Alfred Traverse
Pennsylvania State University

Proposal No.: P2A0099
Investigator: HART & LIEUX
Institution: La. State Univ.
Please return to: Geology
If possible by: 10/15/71

Comments (Continue on additional sheet if necessary)

First of all, regarding the principal investigator: I have known George ever since he came to this country. The things I had heard about him have all proven to be true. He has enormous energy and really gets things done. His rate of production of research is truly phenomenal. On the negative side, it is well known that he has a tendency to be very slap-dash. This shows up in small ways--his manuscripts always hold up publication of the volumes they are in because of the condition in which they are submitted, and ^{because of} continual problems during the editorial process caused by George's refusal to be bothered by "details". This sort of thing is reflected in the current proposal, which is full of spelling and grammatical errors and is not well put together. (The proposal seems to be a melange of pieces of other proposals and tads of various projects George has been involved with.)

Nevertheless, one has to face the fact of GH's productivity and the interesting quality of much that he has produced. All that he says about the excellence of his facilities and the supporting staff is abundantly true. The project itself (as nearly as I can figure out exactly what they expect to do) is a very interesting and potentially very important piece of work.

In summary, I would say that NSF could not go too far wrong in supporting the work of this important laboratory. Good things are very likely to come out of the project. There will be those who will fault NSF for support of the LSU group because of the sloppiness of some of the results which will be reported. On balance, I would refuse to accept that evaluation. Surely the productivity outweighs the problems.

What Hart is asking for is support for some of his assistants for a year in connection with the general program he has going on Recent sediments. This is not a specific project in its own right. The budget does not seem to be inflated at all, except only perhaps that they might be able to get along without the "consultant" and still accomplish their aims.

OVERALL RATING

- EXCELLENT
 VERY GOOD
 GOOD
 FAIR
 POOR

Signature of Reviewer:

Alfred Traverse

Date: 30.10.71

Other suggested reviewers (optional):

Dr. Dan Habib
Dept. Earth Sci.
Queens College of City Univ., NYC 11367

LOUISIANA STATE UNIVERSITY
AND AGRICULTURAL AND MECHANICAL COLLEGE

BATON ROUGE · LOUISIANA · 70803

School of Geoscience

DEPARTMENT OF GEOLOGY

July 14, 1972

Dr. Robert T. Clarke, Secretary
Executive Committee
American Association of Stratigraphic
Palynologists
Mobil Oil Corporation
1001 Howard Avenue
New Orleans, Louisiana 70113

Dear Fellow Members of AASP:

I noted from the mid-year executive committee meeting of our association that the committee recently tentatively accepted invitations for future AASP meetings up to 1977. On behalf of the Department of Geology of the Louisiana State University, I wish to invite the Association to hold its tenth anniversary meeting in Baton Rouge (1978). I believe that Baton Rouge would be a very appropriate place to hold the tenth meeting especially following Tulsa in 1977. As I am sure you all are aware, our Association was borne out of the Tulsa "get-together" and underwent its birth pains during the first official meeting in Baton Rouge in 1968.

I can promise my fellow members not only an extravaganza of sea food cuisine but also a scientific meeting to befit our decade of progress.

Yours sincerely,

George F. Hart

GEORGE F. HART
Associate Professor

GFH/jd

October 6, 1971

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

Just had occasion to read your paper, "Comments on a Nomenclatural problem concerning reworked Fossils Spores and Pollen". (I am wondering if you ever send out any reprints--I never seem to get any.) This article was of a special interest to me because of my work as Secretary of the International Committee on Fossil Plant Nomenclature (a part of IAPT). If the cases for conservation were to be formally proposed, it would pass through our committee. I do hope that your article has laid the matter to rest!

Looking forward to seeing you, in Tucson, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/kai

PS: I notice in Micropaleontology News Reports that you published a paper this past year "Permian....Spore Complexes" in a thing called "Paleontology: Principles and Practices". Has that book been published? Can you provide more information?

October 5, 1971

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

Per the recent number of the AASP Newsletter, would you send me further information about the Paleozoic short course? January is about the worst possible month for me because of teaching obligations, but I might be able to shake away, and I certainly would like to be a part of that course. For the time being, I hope that you keep me on the "tentative" list.

Best wishes to you and hoping to see you in Tucson, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/kai

January 29, 1971

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

It was a great disappointment to me that I was unable to make the Diatom short course at LSU this week. I had a visitor from out of town for whom I was responsible, and it just wasn't possible. I hope you will keep me in mind for future such events.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/mdw

4th Palynology Short Course

JANUARY 27th - 30th, 1971

THE SYSTEMATICS, ECOLOGY,
AND BIOSTRATIGRAPHY
OF THE BACILLARIOPHYCEAE
(DIATOMS)

by

Walter W. Wornardt, Jr., Union Oil Res.
Kenneth E. Lohman, Smithsonian Institute

at

School of Geoscience

Organizer: George F. Hart, LSU

SHORT COURSES & CONFERENCES
DIVISION OF CONTINUING EDUCATION
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

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



SHORT COURSES & CONFERENCES
DIVISION OF CONTINUING EDUCATION
LOUISIANA STATE UNIVERSITY
BATON ROUGE

PURPOSE

The short course will be an intensive lecture-laboratory sequence designed to acquaint paleontologists, biologists and oceanographers with the taxonomy, ecology and biostratigraphy of the diatoms and the techniques used in their study.

COMPOSITE FEE:

A fee of \$50.00 will include coffee, handouts and conference registration. The course will be limited to 30 external participants.

PREVIOUS COURSES:

First: May, 1968

W.A.S. Sarjeant, Visiting Professor,
University of Oklahoma
The Dinophyceae and Acritarchs

Second: October, 1968

W. H. Chaloner, Reader
University College, London
Palynology and Environments

Third: July, 1969

W. Hay and S. Gartner,
University of Miami
**Systematics and Distribution of the
Calcareous Nannoplankton**

PROGRAM:

Wednesday, January 27th

8:30 AM Registration at Pleasant Hall
9:30 Welcome Address
9:30-12:30 Technical Session:
Introduction to Diatoms
12:30 Lunch
1:30-5:00 Technical Session:
Literature Survey & Techniques
8:00 PM Demonstration Session: SEM

Thursday, January 28th

9:00-12:30 Technical Session:
Systematics
12:30 Lunch
1:30-5:00 Technical Session:
Ecology of Diatoms
8:00 PM Laboratory Session:
Light Microscopes

Friday, January 29th

9:00-12:30 Technical Session: Biogeography
12:30 Lunch
1:30-5:00 Technical Session:
General Biostratigraphy
8:00 PM Cocktails at Hart's Abode

Saturday, January 30th

9:00-12:00 Technical Session:
Detailed Biostratigraphy
Closing Remarks:
George F. Hart, LSU

Please return this form with remittance as soon as possible to:
Short Courses & Conferences, Division of Continuing Education,
Louisiana State University, Baton Rouge, Louisiana 70803

CONFERENCE REGISTRATION

4TH PALYNOLOGY SHORT COURSE - Diatoms
January 27-30, 1971

Name _____ Title _____
Company _____
Address _____
City & State _____ Zip _____

Registration Fee: **\$50.00** Make checks payable to:
Louisiana State University

Receipt No. _____ Amount Paid _____ Parking Permit No. _____

Please return this form with remittance as soon as possible to:
Short Courses & Conferences, Division of Continuing Education,
Louisiana State University, Baton Rouge, Louisiana 70803

CONFERENCE REGISTRATION

4TH PALYNOLOGY SHORT COURSE - Diatoms
January 27-30, 1971

Name _____ Title _____
Company _____
Address _____
City & State _____ Zip _____

Registration Fee: **\$50.00** Make checks payable to:
Louisiana State University

Receipt No. _____ Amount Paid _____ Parking Permit No. _____

April 7, 1970

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

Thanks for yours of 23 March and I am taking steps to order a copy of the paper immediately--I hope it works. By the way, if you have some kind of a list that would indicate where one could purchase others of your publications, we would find the information useful. I guess I told you that I did succeed in buying a copy of your Permian book from Witwatersrand. We have found it very useful in our Catalog work.

I don't blame Ray a bit for being "upset"--that would be the mildest adjective I could use. I believe that you are very perceptive as far as the reasons are concerned, but nothing like that was ever stated. It was just a bad situation in which Ray and I got caught in the middle. Perhaps we can talk about it some day. Assuming that he can still find it in his heart to be on speaking terms with me(!), please give Ray my regards.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

LOUISIANA STATE UNIVERSITY
AND AGRICULTURAL AND MECHANICAL COLLEGE

BATON ROUGE . LOUISIANA . 70803

School of Geology

DEPARTMENT OF GEOLOGY

March 23, 1970

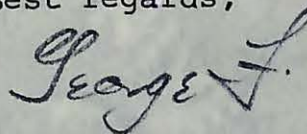
Dr. Alfred Traverse
Department of Geology
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

Many thanks for your letter regarding the "Lower Coal Measures paper". Unfortunately I do not have any copies but you can get a copy for a small cost (about 60 cents I believe) from the Director, Tanzania Geological Survey Dodoma, Tanzania, East Africa.

Ray was a little upset at the news regarding Sanders as he was very keen to work with you. I assume that Sanders could not get a job (?)

Best regards,



George F. Hart
Associate Professor
of Geology

GFH:bv

March 11, 1970

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

I wonder if you could provide us a reprint of your 1960 paper, "Microfloral investigation of the Lower Coal Measures (K2)...Tanganyika"? Actually, I find that we need a much more complete series of your publications for use in the Catalog's work if this were at all possible. Excuse my brevity--it was awfully good to see you last week.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

November 5, 1969

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

This will remove whatever respect you had left for the United States mails--a package addressed to you in care of me, obviously intended to arrive during the late beloved convention just arrived today in my office. On the odd chance that it is something you wanted back, I have popped it into a large envelope and sent it flinging back to you. You could have sent it to Moscow and back in less time!

I understand you will be mixed up in aⁿ information conference in Dallas in a couple of weeks--look forward to seeing you. Best wishes.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:vsi

File Hunt

LOUISIANA STATE UNIVERSITY
AND AGRICULTURAL AND MECHANICAL COLLEGE

BATON ROUGE · LOUISIANA · 70803

School of Geology

DEPARTMENT OF GEOLOGY

October 17, 1969

Professor L.R. Wilson
Dept. of Geology
University of Oklahoma,
Norman, Oklahoma 73069

Dear Dick:

I have finally succeeded in finding some time to write to you about the GIPSY system and the proposed Institute of Palynological Information at the University of Oklahoma.

There are three points I wish to make, two of which are favourable and one unfavourable to your proposal.

Firstly, the excellence of the GIPSY system for converting the general published literature on palynology into a single complete library cannot be denied. Your Monograph using Permian data and the demonstration I attended were clear proof of this. For raw data, basic, library-type research, GIPSY is a very useful tool and I see no reason to develop another one. Moreover, the recent improvements to the system which allow punched output in a prespecified format I assume will allow the information bank to be searched and used directly as input to standard statistical and plotter.* I conclude that the GIPSY system is an excellent tool for palynological analysis of the sort envisaged for your Institute of Palynological Information.

Secondly, that a particular University is willing to take on the immense task of gathering and disseminating the information on palynology can only reflect favourably on that institution's academic aspirations. The task is an immense one and obviously will need to be adequately financed if it is to succeed in meeting the goal "to supply data of international breadth to all workers in the science." In terms of facilities, academic inclination and background knowledge the University of Oklahoma is adequately prepared for this task. However, I must state that I believe that Pennsylvania State University also is adequately prepared. I conclude that Oklahoma State University has adequate background to form the basis of an Institute of Palynological Information.

* Programs

Thirdly, I personally believe that American Palynologists should not get involved with the GIPSY system because it is a proprietary system. If palynology is to advance in the United States of America we must allow basic raw data to become readily accessible to scientists. The ability of the GIPSY system to handle basic literature in a rapid manner puts the scientist who has direct access to the system in a position of power. It might be sufficient to be able to ask questions to an Oklahoma University-based system and receive the answer by mail the next day, or even the next week. It might also be possible to believe that the planned Oklahoma Institute will be a democratic organization with free access to all users. However, I consider it is unethical on the part of a University organization to keep the GIPSY system to itself, rather than making it freely accessible to all scientists in the normal manner of scientific publication. I can only believe that the governing authorities of your University are unaware of the value of GIPSY as a scientific tool at a very basic level and conclude that the system is being withheld without their knowledge and for the specific intent of "outrunning" all other palynological groups, no matter how capable their scientists nor good their basic facilities.

To summarize, I believe that the GIPSY system is an excellent tool for palynology, that Oklahoma State University has the potential to form an excellent Palynological Institute, but hold the view that American palynologists should not get involved with a proprietary system, no matter how good it is. I would urge you to do all you can to make GIPSY available as a published piece of scientific work so that the scientific community as a whole can benefit from its enormous potential.

I realize, Dick, that this letter will in no way endear me to you but I know you are a fine scientist and I believe you would prefer me to write what I truly feel. I hope GIPSY has tremendous success as a tool to all scientists, whatever their beliefs, aspirations or calibre.

Yours very sincerely,

George F. Hart,
Associate Professor of Geology

GFH/peo

cc: James Sweeney
Jack Morrison

7-69

Geo. Hunt

GIPSY efulent system
but as long as it is not
made available to everybody--
not accepted. Oklahoma system
is being kept unethically from other
universities.

File as course.
C. Hunt.

3rd Palynology Short Course

**SYSTEMATICS AND DISTRIBUTION
OF THE
CALCAREOUS NANNOPLANKTON**

July 30 – August 2, 1969

at

Department of Geology

Louisiana State University



**SHORT COURSES & CONFERENCES
DIVISION OF CONTINUING EDUCATION**

**LOUISIANA STATE UNIVERSITY
BATON ROUGE**

PURPOSE

This short course will be an intensive lecture-laboratory sequence designed to acquaint Paleontologists, Biologists and Oceanographers with the systematics and distribution of the calcareous nannoplankton: fossil and living.

PROGRAM

- 30th JULY: MORNING: Techniques in the Study of Calcareous Nanno-Fossils
AFTERNOON: Ecology of the Calcareous Nanno-Fossils
31st JULY: MORNING & AFTERNOON: Systematics of the Calcareous Nanno-Fossils
1st & 2nd AUGUST: Biostratigraphy of the Calcareous Nanno-Fossils

COMPOSITE FEE

Fee: \$50 inclusive of 4 nights' accommodation, coffee, handouts, and conference fee. The course will be limited to 30 external participants.

PREVIOUS COURSES:

- First: MAY 1968
W.A.S. Sarjeant, Visiting Professor,
University of Oklahoma.
THE DINOPHYCEAE AND ACRITARCHS
Second: OCTOBER 1968
W. H. Chaloner, Reader,
University College, London, England.
PALYNOLOGY AND ENVIRONMENTS.

Faculty Coordinator
George F. Hart, Louisiana State University

BIOGRAPHICAL SKETCHES

DR. WILLIAM WINN HAY, B.S. from Southern Methodist University; M.S., University of Illinois; Ph.D., Stanford University. At present he is Professor of Geology at both the Institute of Marine Sciences, University of Miami and the University of Illinois. Internationally known figure in the area of biostratigraphy & paleoecology of calcareous nanno-fossils and author of numerous publications.

DR. STEFAN GARTNER, B.A. from the University of Connecticut; M.S. and Ph.D. from the University of Illinois. He is Assistant Professor of Geology at the Institute of Marine Sciences, University of Miami. Interested in biologic ultra structure using the electron microscope and in particular, the study of calcareous nanno-fossils. He is the author of 11 scientific publications.

LOUISIANA STATE UNIVERSITY
AND AGRICULTURAL AND MECHANICAL COLLEGE

BATON ROUGE . LOUISIANA . 70803

School of Geology

DEPARTMENT OF GEOLOGY

10 July 1969

Dr. Alfred Traverse
Associate Professor of Geology
and Biology
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al [REDACTED]:

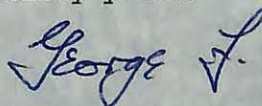
Thank you for your interest in the 3rd Palynology Short Course,
July 30 - August 2, 1969.

A reservation has been made in your name for participation in
the entire program.

This letter will serve as acknowledged receipt of the composite
fee in the amount of \$50.00 made payable to us by you. This fee
will cover four nights accommodations, coffee, handouts, and
conference fee. Further information will be forwarded to you at
a later date.

I am looking forward to your visit and participation in the Short
Course. If I may be of further assistance, please do not hesitate
to contact me.

Sincerely yours,



George F. Hart
Faculty Coordinator
Louisiana State University

GFH:jd

*Promises to be a good meeting with
about 50% oil company & 50% University
participation.*

July 7, 1969

Dr. George F. Hart
Faculty Coordinator
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

~~Enclosed is my check for \$50 for the composite registration fee for the Nannofossil course. I take it since the course is listed as starting on 30 July, it will be necessary for me to arrive in Baton Rouge on the 29th. I assume that appropriate reservations have been made at Pleasant Hall or some place. In the absence of further information, that is where I will report on the evening of 29 July.~~

Looking forward to seeing you again. I am

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:vsi

LOUISIANA STATE UNIVERSITY
AND AGRICULTURAL AND MECHANICAL COLLEGE
BATON ROUGE . LOUISIANA . 70803
School of Geology

DEPARTMENT OF GEOLOGY

June 23, 1969

Dr. Alfred Traverse
Associate Professor of Geology
and Biology
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

Thank you for your interest in the 3rd Palynology Short Course, July 30 - August 2, 1969.

A reservation has been made in your name. Confirmation of this reservation will be the acknowledged receipt of \$50.00 composite registration fee made payable to:

Louisiana State University
(3rd Palynology Short Course)

Refunds will be made until July 10, 1969.

I am looking forward to your participation in the Short Course.

Sincerely,

George F. Hart

George F. Hart
Faculty Coordinator
Louisiana State University

GFH:cfp

Al, glad that you will be coming. It promises to be a very good meeting if the initial response is anything to go by. I will certainly be at Penn State in June & hope to bring Raji Jim & Bob (Ph.D. students) regards. G.F.H.

June 17, 1969

Dr. George P. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

News of the "3rd Palynology Short Course" was most interesting. Also a little frustrating! Reasons: that is the time I had planned to start off on a trip that would end up at the International Botanical Congress in Seattle. However, it sounds to me like an opportunity I definitely shouldn't miss. Therefore please count me in if at all possible.

Hope all goes well with you and that you are looking beyond the short course, international congress, North American Paleo Convention, etc., etc., to the 2nd annual convention of AASP! (My knees are already knocking.)

Best wishes. Please let me know if I am invited as soon as possible so that I can get started on the financing of the trip.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

vsi

File as course.

C. Hunt.

3rd Palynology Short Course

SYSTEMATICS AND DISTRIBUTION OF THE CALCAREOUS NANNOPLANKTON

July 30 – August 2, 1969

at

Department of Geology

Louisiana State University



SHORT COURSES & CONFERENCES
DIVISION OF CONTINUING EDUCATION

LOUISIANA STATE UNIVERSITY
BATON ROUGE

Hunt Institute for Botanical Documentation

PURPOSE

This short course will be an intensive lecture-laboratory sequence designed to acquaint Paleontologists, Biologists and Oceanographers with the systematics and distribution of the calcareous nanoplankton: fossil and living.

PROGRAM

- 30th JULY: MORNING: Techniques in the Study of Calcareous Nanno-Fossils
AFTERNOON: Ecology of the Calcareous Nanno-Fossils
- 31st JULY: MORNING & AFTERNOON: Systematics of the Calcareous Nanno-Fossils
- 1st & 2nd AUGUST: Biostratigraphy of the Calcareous Nanno-Fossils

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University of Oklahoma.
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Faculty Coordinator

George F. Hart, Louisiana State University

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DR. WILLIAM WINN HAY, B.S. from Southern Methodist University; M.S., University of Illinois; Ph.D., Stanford University. At present he is Professor of Geology at both the Institute of Marine Sciences, University of Miami and the University of Illinois. Internationally known figure in the area of biostratigraphy & paleoecology of calcareous nanno-fossils and author of numerous publications.

DR. STEFAN GARTNER, B.A. from the University of Connecticut; M.S. and Ph.D. from the University of Illinois. He is Assistant Professor of Geology at the Institute of Marine Sciences, University of Miami. Interested in biologic ultra structure using the electron microscope and in particular, the study of calcareous nanno-fossils. He is the author of 11 scientific publications.

March 7, 1969

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear George:

It is perhaps superfluous to be one's own RR man, but in an effort to leave no stones unturned, I thought it wise to state modestly that graduate students in palynology are being trained here under my direction, and that we would therefore appreciate being grafted into the grapevine along which information about various job opportunities is said to travel.

Also, I would appreciate if if you would consider advising prospective graduate students in palynology who want to sample education elsewhere to keep the possibility of Penn State in mind. We have laboratory and library facilities as good as any, located in the new Deike Building (College of Earth & Mineral Sciences). The personnel and library of the Catalog of Fossil Spores and Pollen and our "palynological data project", as well as the various research projects, make ours a stimulating place palynologically. We now have three full-time professional palynologists (H.T. Ames, R.B. Sanders, A. Traverse), as well as a paleobotanist with a strong collateral interest in palynology (W. Spackman). Spackman and I now both have joint appointments in biology and geology, so graduate students can organize work here toward degrees in palynology-paleobotany in either biology or geology. In terms of flexibility of requirements, this is a very desirable arrangement. For example, a botanically oriented palynologist can now enroll in biology at Penn State and does not need to satisfy the various local requirements for a degree in geology. Yet such a student has available to him at Penn State first class instruction, facilities and contacts in all those area of geology which may be pertinent to his work and interests.

Please keep us in mind.

Yours very truly,

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

File: George Hart

March 21, 1967

Dr. C.O. Durham, Jr.
Director, School of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Dr. Durham:

Dr. William Spackman has referred to me your letter of 8 March regarding Dr. Hart and has asked me to tell you what I know about Dr. Hart's qualifications.

I have never met Hart but know of his work from his publications and from a couple of brief exchanges of correspondence and from the comments of others.

First of all, in order to make it clear exactly what I am saying--Hart would not be on a list of the ten top palynologists in North America. I can think of a dozen people in the country who are more qualified to organize your program in palynology. But that is not to say that Hart is hopeless by any means. He has good training and a wide background. His much criticized book is a better contribution to basic palynology than 9/10 of the Ph. D. theses that are produced in the subject. The problem with the book is that it was not carefully edited (or edited at all)--which I would suppose is at least partly a result of its production in a place as remote as Witwatersrand. It is fair to say that no book in palynology ever had so many annoying mistakes. But, nevertheless, it is a useful book. It is only too bad that it was not edited more carefully and that rather too many extravagant claims were made for it. It should be noted that one of the most severe critics of Hart's book, Dr. Erdtman, of Stockholm, the nestor of palynology, gave a favorable review to a much worse book in the same number of his journal that contained the blast against Hart.

Hart is recognized now as one of the chief authorities on the spores of the Permian. There are, of course, less than a dozen persons who specialize in Permian spores, outside of the Eastern countries.

I cannot really assess Dr. Hart's potential. However, you asked whether he is regarded as a person with great potential. That question I would have to answer in the negative. But I fear that most palynologists know only that he wrote a book on Permian spores and that it is full of errors. I think that is really pretty small evidence for such broad generalization.

I have tried to give you my best armchair opinions on the questions you raised, hoping that you will make due allowance for the fact that I am just giving you impressions of the status of a man I do not know personally. Hope that they're useful but at the same time fair to Dr. Hart.

Yours very truly,

AT
Alfred Traverse
Associate Professor of Geology

AT:kaw

cc: Dr. William Spackman

Own files

September 16, 1968

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton, Rouge, Louisiana 70803

Dear George:

I am getting a little confused about what I have done and haven't done regarding the annual meeting which begins a month from today. Will you see to it that the appropriate room reservations and so forth are made for me, Dr. Robert B. Sanders, and two graduate students of mine (Douglas J. Nichols and Robert E. Dunay). I believe I have previously sent you a registration form, but things have been so mixed up lately that I am not sure. Sanders, Nichols, and Dunay will have at least applied for membership by the time of the meetings. We all plan to arrive on 16 October. Since all four of us must push on to do field work following the meeting, none of us will be able to attend the field trip. For the same reason, I most unfortunately cannot accept the invitation to Bill Chaloner's lecture series the following week. That really hurts!

I was very interested in your pamphlet "Palynological Research in the Department of Geology, Louisiana State University". Some of the work which you are doing is practically identical in emphasis to things which I have done in the past for Shell or here at Penn State. It will be interesting to have a chance to chat with you in Baton Rouge about your work. Very best wishes until then.

Yours very truly,

Alfred Traverse
Secretary-Treasurer
AASP

AT:kwc

P.S.: I just decided that the Associate Editor of the Catalog of Fossil Spores and Pollen, H.T. Ames, should also attend the October meeting. You should be getting a registration form from him about the time this letter arrives.

file copy. G. F. Hunt.

PALYNOLOGICAL RESEARCH IN THE DEPARTMENT OF GEOLOGY
LOUISIANA STATE UNIVERSITY

RESEARCH INTERESTS.

The current center of interest in palynology is a study of the factors influencing the sedimentation and distribution of biologic particles in the Gulf of Mexico. The study will involve a large number of individual research students and is designed to examine the Gulf of Mexico as a large experimental tank in which the major factors influencing the distribution of micro-fossils (particularly miospores and coccoliths) may be determined under natural conditions. This study, outlined in Appendix one, will involve taxonomic, stratigraphic, bio-sedimentologic, and statistical studies. Two students are already involved in this project.

Other current areas of palynologic research are: Permian Palynology. Material for studies into Permian Palynology are available from many parts of the world. Individual projects include; application of numerical taxonomic techniques to the classification of disaccate Striatiti; Variation studies of Permian Acritarchs from South Africa; General Investigation of assemblages from Central America; General Investigation of assemblages from North America. Most of these projects are suitable for Masters thesis.

Cretaceous Palynology. Material for studies into Cretaceous Palynology is abundant in the Gulf Coastal Region, and can be supplemented by collections from Colorado where L.S.U. has its permanently based field camp. Individual projects include: application of numerical taxonomic methods to the classification of various taxa; application of non-Linnean systematic techniques to Cretaceous Palynology; General Investigations of assemblages. These projects are suitable for both Masters and Doctoral degrees.

Information Storage and Retrieval. The use of the computer for the storage of palynologic data is in its infancy but already at L.S.U. three projects are underway in this area. These cover the general areas of Computerized Taxonomy and Computerization of a total palynologic stratigraphic-taxonomic system. Studies in these areas are designed primarily for Doctoral Dissertations.

Statistical Applications. The studies in statistical applications to palynologic data are numerous. Projects cover the general

areas of Application of statistical models to Paleogeographic Interpretations; Application of statistics to palynologic zonation; Numerical taxonomy.

STEREOSCAN Studies. The acquisition of a Scanning Electron Microscope by the Geology Department at L.S.U. has opened a whole new field for palynological research. Experimental work using the microscope; revision of problematic taxa; combined STEREOSCAN and statistical studies; and general assemblages studies are some of the possible projects available for both Masters and Doctoral students.

RESEARCH FACILITIES.

The facilities available for palynologic research in the Geological Department at L.S.U. include a fully equipped, dust-proofed, palynologic laboratory in a modern air conditioned room. It is hoped that in the near future a technician will be available to undertake the preliminary analyses of samples.

Microscope facilities include modern high powered, binocular, phase contrast, dark-field light-field, microscopes with camera attachment. In addition a special microscope with automatic camera is available for high quality work, and the scanning electron microscope as a more refined high resolution instrument.

Photographic facilities include polaroid, 35mm and large plate cameras; three darkrooms and the availability of a departmental photographer for consultation.

Cartographic facilities include a well equipped drafting office with photo-type setting equipment, duplication and reproduction facilities.

Computer facilities are provided by the Computer Center at L.S.U. and Statistical consultation by the Department of Experimental statistics at L.S.U.

RESEARCH PERSONNEL

The palynologic facilities at the Department of Geology, L.S.U. are run by Dr. George F. Hart, a graduate of the

University of Sheffield, England (1960). Dr. Hart studied under S.N. Naumova in Moscow (1960-1961) and then at the University of Witwatersrand, South Africa (1961-1966) where he was head of the Microstratigraphy Research Unit.

Mr. Jim Darrell, a graduate of the University of Tennessee, is at present undertaking a Ph.D. program. His project is a detailed study of boreholes through the Recent deposits off the mouth of the Mississippi River Delta. Mr. Ray Christopher, a graduate of Rhode Island, is a Ph.D. candidate studying the Cretaceous of Alabama and also the general problem of the storage of data on Cretaceous Palynology.

Mr. Bob Pierce, a graduate of the University of Alabama, is currently completing his Masters degree and presenting a thesis on Coccoliths. He will continue his studies as part of the Gulf of Mexico Project, concentrating on Coccoliths.

APPENDIX ONE

FACTORS INFLUENCING THE SEDIMENTATION AND DISTRIBUTION OF BIOLOGIC PARTICLES IN THE GULF OF MEXICO

Synopsis of Major Projects

PROJECT ONE: DETERMINATION OF GENERAL FACTORS

A) Review of all available data concerning the general water circulation and atmospheric circulation of the Gulf of Mexico; and the production of maps showing average circulation patterns for each month.

B) Review of all available data concerning discharge, and sedimentary load, of the rivers coming into the Gulf of Mexico and calculation of average values for each month. Collection of water samples from all major rivers.

C) Production of vegetation maps for the continental margin surrounding the Gulf of Mexico.

D) Review of all available data on sedimentary provinces of the Gulf of Mexico and production of a map showing present bottom sediment lithotype relationships.

E) Determination of percent (by weight, volume or count) of the biologic-components, in each sieve fraction of sediments collected off the floor of the Gulf of Mexico. Wherever possible determination of biotypes down to the phylum, or class level. e.g. coccoliths, diatoms, miospores, wood fragments, dinoflagellates, bacteria, fungi, foraminifera, ostracoda etc.

F) Compilation of A, B, C, D, & E to determine the major factors influencing the distribution of these biologic particles in the sediments of the Gulf of Mexico.

PROJECT TWO: WATER ANALYSIS

A) Determination of biologic-components in the river water samples collected from the Gulf of Mexico (ref: PROJECT ONE - B).

B) Determination of biologic components in sea-water from the Gulf of Mexico.

C) Comparison of A and B with general factors influencing distribution of biologic particles. (ref: PROJECT ONE A, B, C).

PROJECT THREE: DETAILED TAXONOMIC STUDIES

A) Taxonomic study of coccoliths in sea-floor samples of the Gulf of Mexico.

B) Taxonomic study of miospores in sea-floor samples of the Gulf of Mexico.

C) Relationship of A & B to distribution factors determined in PROJECTS ONE and TWO.

PROJECT FOUR: STRATIGRAPHIC ANALYSIS

A) Determination of vertical distribution of miospore taxa through cores taken on the floor of the Gulf of Mexico.

B) Determination of the vertical distribution of coccolith taxa through cores taken on the floor of the Gulf of Mexico.

C) Relationship of A & B to PROJECT THREE.

January 10, 1967

Dr. George F. Hart
Department of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

Dear Dr. Hart:

Gil Smith gave me the reprints and so forth (A synopsis of Permian palynology, etc.) that you were so kind as to send to me. Thank you very much.

Gil told me of your interest in Permian material and your desire to hear about oil company research on such that might be released. I can say quite frankly that Shell had very little going in North America on that part of the section when I was with them--but that is getting to be four years ago.

Hoping to get to know you better one of these years, I am.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kaw