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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.



18TH ANNUAL AIBS

MEETING OF
BIOLOGICAL SOCIETIES
AUGUST 27-SEPTEMBER 1

TEXAS A&M UNIVERSITY
COLLEGE STATION, TEXAS

1967 ANNUAL AIBS MEETINGS
REGISTRATION RECEIPT

No. 0135

DAVID J. ROGERS

(Name)

This acknowledges receipt of payment for REGISTRATION for the 18th ANNUAL AIBS MEETINGS, Texas A&M University, College Station, Texas., 27 August - 1 September 1967.

\$2 \$3 \$5 \$10 \$12

DATE RECEIVED

MAY 18 1967

NOT VALID UNLESS STAMPED

ADVANCED REGISTRANTS may appear for their Badges at the ADVANCE REGISTRATION DESK on arrival in College Station. THANK YOU

PLEASE PRESENT ON ARRIVAL AT REGISTRATION DESK

TEXAS A&M UNIVERSITY
College Station, Texas

No. 795

Received from

Rogers, David J.

18-222

in Account with the AIBS Conference Housing Account #40255

1 person for 4 nights @ \$4.00 (Air-conditioned)..... 16.00

_____ person for _____ nights @ \$3.00 (Non air-conditioned)..... _____

_____ person for _____ nights @ \$2.00 (Cot)..... _____

TOTAL 16.00

Date Received

8-27

1967

Received by

E. Waldrop

5 September 1967

Dr. E. L. Turner
Department of Botany
University of Texas
Austin, Texas 78712

Dear Billie,

Just a note to thank you for your hospitality in Austin as we passed through. Tell Dr. Marshall for me that I shall now be able to give him a much better description of the Texas Manihot.

I would like to know about that Manihot plant whether it dies back to ground level in winter, or whether it hangs on to its stem during the full year. I suspect from the look of it that the stems die back, but would like to have your knowledge of it.

David J. Rogers
Professor of Biology
Sincerely,

DJR:gm

David J. Rogers

DJR:gm

5 September 1967

Dr. Frank Gould
Texas A & M University
Department of Botany
College Station, Texas 77843

Dear Frank,

Your meeting arrangements were an outstanding success. Thank you kindly for your efforts on behalf of all of us. Inadvertantly I left my program in the back seat of your car Wednesday night. Since I made one or two notes of importance in it I would like to have it back. I'm sorry to trouble you with this small matter.

Sincerely,

David J. Rogers
Professor of Biology

DJR:gm

AUG 14 1967

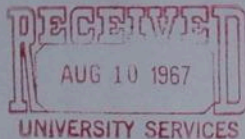
TO: Mr. Willard Cook, University Services
FROM: David J. Rogers, Biology Department
SUBJECT: Transportation via University car
DATE: 9 August 1967

(and 2 people traveling)

Because of somewhat involved itinerary, it would be desirable to make the trip to the AIBS Meetings in College Station, Texas, by automobile. The trip would be from 26 August to 1 September (approximately), and will be charged against our research grant, account number 1708-48. We would like the use of a University automobile for this trip.

D. J. Rogers

Approved
8/12/1967
W. B. Book



Introduction

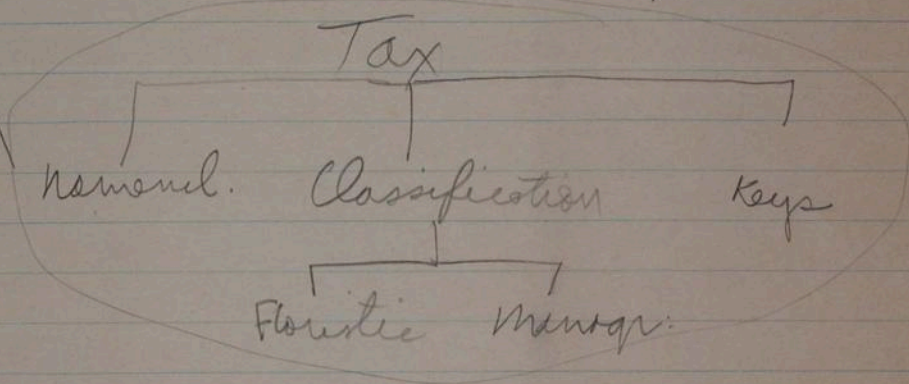
1. Cooperative effort
2. A system which works within framework of taxonomy

3. These efforts only a part of the total work of taxonomist -

Cluster analysis -

Hierarchies of clusters

But this is one of most difficult areas



4.

James Peters } Smithsonian IR systems.
Bruce Colette }

George - 2:15

Howard - 2:45

Prince - 3:25

Frank - 4:20

Homer - 4:50

Metcalf

Taximetrics Laboratory

Armory 101

23 August 1967

Mr. H. L. Heaton
Audio-Visual Aids - AIBS Meeting
Texas A&M University
College Station, Texas

Dear Mr. Heaton:

One of our symposium members has just requested an opaque projector. Would it be possible to have one available on Tuesday afternoon, August 29, by 1:30 P.M. in Room 301 of the Electrical Engineering Building?

We appreciate your courtesy at this late date.

Sincerely,

David J. Rogers
Professor of Biology

DJR:gm
Copy to: Dr. C. Clark Cockerham

JUL 19 1967

NOTICE OF MEETING

MISSOURI BOTANICAL GARDEN ALUMNI ASSOCIATION

The second meeting of the Missouri Botanical Garden Alumni Association is scheduled for:

Date: August 31, 1967

Time: 8:30 a.m. Breakfast

Place: Student Union Building
Texas A & M University
College Station, Texas

Cost: \$1.25 each

Since many will probably be attending the annual AIBS meetings at that time, we hope to establish a tradition of Alumni Association meetings during these meetings each year.

Dr. Gates will attend, but we shall miss Dr. Mildred Mathias who is teaching in Costa Rica for the summer.

Dr. Gates will report on this last year's progress at the Garden and will bring up the question of a Woodson Curatorship in the Herbarium.

Dr. Walter Lewis, Director of the MBG Herbarium will report on current work and progress in the herbarium, including Panama expeditions.

An announcement of the meeting will be in the printed program of AIBS, but would any of you who plan to go please let me know for planning purposes.

Frederick G. Meyer
Secretary
Missouri Botanical Garden Alumni Association

Address your reply to:
Frederick G. Meyer
7417 Buffalo Avenue
Takoma Park, Maryland 20012

- Taximetrics Laboratory

May 16, 1967

Dr. Gillelan T. Prance
The New York Botanical Garden
Bronx Park
Bronx, N.Y. 10458

Dear Ian:

Glad you made it back in one piece. How was the trip--successful? The next natural question--any more Manihot? No hurry on that, however.


With reference to your questions on the forthcoming symposium, I'm glad you're willing to participate, and I have the following comments about your possible presentation. Since it would take much time for you to actually discuss the methods employed in terms of how they operate, I suggest that you make a statement very early in the presentation to the effect that your discussion deals with the results of the methods, not with the methodologies themselves. I would name the methods, give their source, and almost in the same breath, say that your discussion is to be empirical. If you care to, you can say that George will be glad to cover details of the statistical model and the one by Rubin with anyone in the audience who cares to have them, after the symposium is over. But I definitely recommend that you stick to the biological implications (I'm sure you would want to anyhow) and leave any mathematical discussions out. Since the title of the paper was made up in your absence, you may want to change it. There's nothing hard and fast about it, and was given only because we had a deadline to meet before we could possibly have checked with you.

There will be an opportunity to show slides, and if you have any ideas by which you can present your paper with some graphic methods, please feel free to do so. One or two good slides, without too much detail included, will help. But please do not try to pack the whole, detailed, classification of Chrysobalanaceae on one slide! I think you understand my meaning.

Best regards to Ann and the two F's.

Sincerely,

David J. Rogers
Professor of Botany

THE NEW YORK BOTANICAL GARDEN
BRONX • NEW YORK 10458  LU 4-8500

Dr. D.J.Rogers
Dept. of Botany
Colorado State University
Fort Collins, Colorado 80521


May 9, 1967

Dear Dave:

I am just writing to tell you that I have now returned from the bush, and that I am planning on coming to the AIBS meeting to give the paper. Howard tells me that an abstract is not needed. Let me know if you need any information. Do you want me to give a paper solely on the analysis with your program, or a comparison with the other methods used? I will do whichever you think will fit into the program best.

Regards to your family,

Sincerely,



Chilleán T. France
Associate Curator

NORTH CAROLINA STATE UNIVERSITY AT RALEIGH

SCHOOL OF PHYSICAL SCIENCES AND APPLIED MATHEMATICS

DEPARTMENT OF EXPERIMENTAL STATISTICS
Box 5457 ZIP 27607

April 17, 1967

APR 21 1967

Dr. J. G. Darroch
Institute of Statistics
Texas A and M University
College Station, Texas

Dear Dr. Darroch:

Enclosed are the original and two carbons of the ENAR program for the AIBS Annual Meetings. It seems I am supposed to send this to you so that room assignments can be made, and you will turn it in for listing in the general program.

Also enclosed is a copy of the Society Meeting Room and Projection Requirements form which I have sent to AIBS.

If you have questions, or need additional information, please do not hesitate to call.

Sincerely,

C. Clark Cockerham
C. Clark Cockerham
Program Chairman ENAR
for AIBS Annual Meeting

CCC:jp

Enclosures

cc: Dr. Paul Meier
Dr. G. J. Paulik
Dr. A. W. Nordskog
✓ Dr. D. Rogers
Dr. L. I. Nevling, Jr.
Dr. E. W. Bonn
Dr. Carl Monk

BIOMETRIC SOCIETY ENAR

(Eastern North American Region)

The Biometric Society is an international society devoted to the mathematical and statistical aspects of Biology. Through its journal Biometrics it promotes and extends the use of mathematical and statistical methods in pure and applied biological sciences. The Society operates mainly through its regional organizations. Active membership of the Society is about 2,800.

INTERNATIONAL OFFICERS:

President: L. L. Cavalli-Sforza, University of Pavia, Italy.

Vice-President: Gertrude M. Cox, Institute of Statistics, North Carolina State University, Raleigh.

Secretary: H. L. LeRoy, Laboratorium für Biometrik und Populations-genetik, Eidg. Technische Hochschule, Zurich, Switzerland.

Treasurer: H. Tucker, University of Arizona, Tucson.

Editor of Biometrics: Herbert A. David, University of North Carolina, Chapel Hill.

REGIONAL OFFICERS -- Eastern North American Region:

President: Paul Meier, University of Chicago, Chicago, Illinois.

President-Elect: H. O. Hartley, Texas A and M University, College Station.

Secretary-Treasurer: E. L. LeClerg, USDA, Beltsville, Maryland.

Headquarters:

TUESDAY MORNING, AUGUST 29

Measurement and Management of Fisheries Resources. Arranged by the Biometric Society ENAR and co-sponsored by the American Fisheries Society and the Ecological Society of America. Gerald J. Paulik, Presiding.

- 9:00 Robson, D. G., Cornell University, Ithaca, N. Y. Mark and Recapture Methods of Population Estimation.
- 10:00 Schaefer, Milner B., University of California, San Diego. Methods of Estimating Effects of Fishing on Fish Populations.
- 11:00 Paloheimo, J. E., Bedford Institute of Oceanography, Dartmouth, Nova Scotia, Canada. Population Models and Energetics.
-

TUESDAY AFTERNOON, AUGUST 29

Taximetrics--Theory and Practice. Arranged by the Biometric Society ENAR and co-sponsored by the American Society of Plant Taxonomists. D. Rogers, Presiding.

- 1:30 Rogers, D., University of Colorado, Boulder. Introduction.
- 1:40 Estabrook, G., University of Colorado, Boulder. Mathematical Models for Taxonomy.
- 2:10 Irwin, H., New York Botanical Garden. Classification of Cassia, Section Apoucouita, using a Graph Theory Model.
- 2:40 Prance, G., New York Botanical Garden. The Genera of Chrysobalanaceae: a Comparison of Methods.
- 3:20 Hawskworth, F., Colorado State University, Ft. Collins. A Computer Analysis of the Species of Arceuthobium.
- 4:10 Metcalf, H., Montana State University, Bozeman. A Computer Analysis of Populations of Iris missouriensis.

NORTH CAROLINA STATE UNIVERSITY | AT RALEIGH

SCHOOL OF PHYSICAL SCIENCES AND APPLIED MATHEMATICS

DEPARTMENT OF EXPERIMENTAL STATISTICS
Box 5457 Zip 27607

March 28, 1967

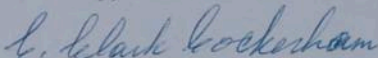
Dr. David J. Rogers
Department of Botany
Colorado State University
Fort Collins, Colorado

Dear Dr. Rogers:

I am enclosing a form for pre-registration and the housing information for the coming AIBS Meetings which I received from Mrs. Ann F. Kulback, Coordinator of Meetings, AIBS, 3900 Wisconsin Avenue, Washington, D. C. Presumably additional forms can be obtained from her.

No formal procedures have ever been set up for the collection and publication of abstracts at such meetings. I suggest, as has been done in the past, that the submission of abstracts be left up to the contributors. If they wish to have abstracts published, they should furnish them to you by the time of the meetings. If you will relay them to me, I shall see to their publication in BIOMETRICS.

Sincerely,



C. Clark Cockerham
Program Chairman ENAR
for AIBS Annual Meetings

CCC:jp

Enclosure

Letter from H. S. Grew (April 4, 1967) in
which he agrees to tentative title of his
paper for the AIBS meeting in August
(Filed in Marston correspondence)

March 28, 1967

Dr. C. Clark Cockerham
Department of Experimental Statistics
School of Physical Sciences and Applied
Mathematics
North Carolina State University
Raleigh, North Carolina 27607

Dear Dr. Cockerham:

First let me say that as of July 1, I will be transferred to the University of Colorado, Boulder, as Professor of Biology. This explains the address given in the program below.

I have just completed the program for the symposium: "Taximetrics--Theory and Practice." We hope to have three hours, either from 1:30 to 4:30 p.m., or from 2 to 5 p.m., whichever is usual. I prefer the former timing, if this does not interfere with some luncheon meeting.

Larry Nevling suggested that we ask for a room capacity of 125. This was recommended because of the chance of attendance from both societies. I hope this figure is in the right ball park.

I think we should have both sizes (2 x 2 and $3\frac{1}{2}$ x 4) of projector for our speakers.

The program lines up as follows:

1. Introduction -- D. Rogers, University of Colorado, Boulder.
2. Mathematical models for taxonomy -- G. Estabrook, University of Colorado, Boulder, 30 min.
3. Classification of Cassia, Section Apoucouita, using a graph theory model -- H. Irwin, New York Botanical Garden, 30 min.
4. The genera of Chrysobalanaceae: a comparison of methods.-- G. France, New York Botanical Garden, 30 min.

March 28, 1967

5. A computer analysis of the species of Arceuthobium — F. Hawksworth, Colorado State University, Ft. Collins, 30 min.
6. A computer analysis of populations of Iris missouriensis — H. Metcalf, Montana State University, Bozeman, 30 min.

Sincerely,

David J. Rogers
Professor of Botany

DJR:ch

NORTH CAROLINA STATE UNIVERSITY AT RALEIGH

SCHOOL OF PHYSICAL SCIENCES AND APPLIED MATHEMATICS

DEPARTMENT OF EXPERIMENTAL STATISTICS
Box 5457 Zip 27607

March 15, 1967

MAR 20 1967

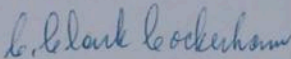
Dr. David J. Rogers
Department of Botany
Colorado State University
Fort Collins, Colorado

Dear Dr. Rogers:

In addition to the program for the session "Taximetrics--Theory and Practice" which you are arranging, I need to know the desired capacity of the meeting room and the audio-visual requirements (2 x 2 or 3 1/4 x 4 slides). I should have this information by the end of March in order to submit it to Dr. Olive.

I hope everything is going well in the arrangement of this session. If you have questions, please let me hear from you.

Sincerely,



C. Clark Cockerham
Program Chairman ENAR
for AIBS Annual Meeting

CCC:jp

- Taxinmetrics Laboratory

March 24, 1967

Dr. G. T. France
INPA
Caixa Postal 478
Manaus
Amazonas, Brasil

Dear Ian:

I am pleased to have your letter of the 9th and to have your acceptance of the paper for the AIBS meetings. It is nice to know that you are planning to spend at least some time out of the bush, although the locality of this meeting (College Station, Texas) may not seem as far out of the bush as Manaus. We will let you know more details as we develop them. The plan right now calls for an introductory paper by George, one by Howard, one by Frank Hawksworth (Arceuthobium), Homer Metcalf (Iris missouriensis variants), and yours. I will chair the symposium. The date is Tuesday, August 29. I may have to put Pierre on but would rather not.

You probably should be thinking about a 250-word abstract of your paper which I hope you can get into me very quickly. The deadline is not too far away.

Big news from here is that I have resigned this position and am moving 50 miles to University of Colorado. This will be done July 1.

Best regards to you and your family,

Sincerely,

David J. Rogers
Professor of Botany

DJR:ch

INPA,
Caixa Postal 478,
Manaus,
Amazonas,
Brasil
9th Mar. 1967

Dear Dave,

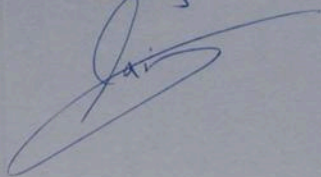
Howard has passed on your message about giving a paper at the AIBS meetings in Texas. I have not made all my plans for the summer yet, but I should very much like to give a paper there and would like to tentatively accept. I will write to you more about it after I return to New York on April 23rd.

I have not heard from England for a long time about my publication of the computer work. I hope to find out when I get back to New York. I have written several times about it, but with no reply.

I have had a good 7 months of collecting here. We have a large number of plants in spite of many adventures this time. The family have all enjoyed living here enormously.

With best wishes,

Sincerely



Department of Plant & Soil Science
College of Agriculture

15 March 1967

Dr. D. J. Rogers
Taximetrics Lab
Colorado State Univ.
Ft. Collins, Col. 80521

Dear Dave:

Was most pleased to hear that the AIBS symposium is on the tracks, and you can count on me to participate.

I found the print-out in the package OK - just hadn't looked behind the stiffening wrappings.

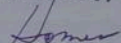
Had a note from Foskett, and will be getting out the application materials right away.

Have been busy with income tax this week & hope to get it to the accountants before weekend. Travel & business expense are complex this year. Will be back at the thesis as soon as I turn it over to the TLC of the accountants.

The range map for the Longipetalae, constructed on a county-unit basis, is nearly done, but still have to type up the records for the supporting specimens, which is apt to be tedious.

We've been having the most severe weather of the winter this week, with more promised. Have lots of snow on the ground.

Sincerely,



H. N. Metcalf
Professor, Horticulture

Letter to H. Swain March 29, 1967 gives
tentative titles of program for AIBS
meeting July 29. This letter filed in
"Specimens on Loan".

~~C. Clarke~~ C. Clarke Cockerham

1. Ok. of Symp.

Tues P.M.

2. 1:30 - 4:30

Intermission

Taximetrics - Theory + Practise.

End of month -

→ Program + Speakers -

Dept. Exptl. Statistics Box 5457

NC State,

Raleigh, N. C.

- 1:30 - 2:00 Estabrook
- 2:00 - 2:30 Irwin
- 2:30 - 3:00 Hawksworth
- Intermission 10 min.
- 3:30 - ~~3:30~~ Motcalf
- ~~3:30~~ - 4:00 Dansereau

- Taximetrics Laboratory

March 13, 1967

Dr. Pierre Dansereau
New York Botanical Garden
Bronx Park
Bronx, New York 10458

Dear Pierre:

Recent developments have caused me to ask for your patience with me. I had a call from the chairman of the Biometrics Society inviting us to put on the symposium we had originally intended for the AIBS meetings in Texas. Dr. Cockerham, Chairman of the Biometrics Society, has arranged for a jointly sponsored symposium between the Biometrics Society and the American Society of Plant Taxonomists.

I am sorry that this development has occurred in this manner, particularly when I know of your very busy schedule. But it is my opinion that we have the opportunity to reach more biologists at the AIBS meetings than we get at the AAAS meetings. For this reason I am pleased that we have been invited, and I will be even more pleased to know that you will be able to participate. The arrangements are now for a one-half day symposium on Tuesday, August 29. I suggest the following arrangements for the symposium. Title: Taximetrics--Theory and Practice. I will chair the symposium. The first paper will be the theoretical aspects presented by George Estabrook. The remaining papers will be the various applications and include yours, Howard Irwin's, Frank Hawksworth's (species of Arceuthobium), Homer Metcalf's (variance of Iris missouriensis), and a summary. I do hope that you can participate for this is certainly an exciting application of our methods and will be a valuable contribution.

Please let me know at your earliest convenience if this is suitable.

Best regards,

David J. Rogers
Professor of Botany

DJR:ch

- Taximetrics Laboratory

March 13, 1967

Dr. Howard Irwin
New York Botanical Garden
Bronx Park
Bronx, New York 10458

Dear Howard:

I am afraid that it seems that I can't make up my mind (which is probably the case) but the symposium at the Texas meeting is back on again.

I had a phone call from the chairman of the Biometrics Society, and this time we were invited to put on a symposium. I had, you will recall, asked Nevling to allow us to put on the symposium and got turned down. Now the shoe is on the other foot and it feels much more comfortable. The final arrangements are (provided you and the others agree) that there will be a jointly sponsored one-half day symposium on Tuesday afternoon August 29. I would like to have the program something as follows: one theoretical paper presented by George; follow this with reports of applications starting with yours and Frank Hawksworth on Arceuthobium (species studies); then Homer Metcalf's studies of Iris missouriensis variations; and Pierre Dansereau's ecological study of the stemmed yellow violets. I don't believe that we will have time to put Ians's study on and give any of the rest of you enough time. This will make a one-half hour presentation for each person. I would suggest planning for about 20 minutes and allow 10 minutes discussion of each paper. I will try to summarize the whole at the end.

I do hope you can make this and I am sorry that it is inconvenient for Marion and you because of her commitments. I do believe, however, that the AIBS meeting can catch more taxonomists and these are the people whom we are particularly concerned to reach. I also believe that the joint symposium between the Biometrics Society and ASPT is a good deal. Please let me know at your earliest convenience if this is suitable.

Sincerely,

David J. Rogers
Professor of Botany

DJR:ch

- Taxinmetrics Laboratory

March 13, 1967

Mr. Homer N. Metcalf
Plant and Soil Science Dept.
Montana State University
Bozeman, Montana 59715

Dear Homer:

As I hinted in my post card, the AIBS symposium is on again. This time it is a jointly sponsored one between the Biometrics Society and American Society of Plant Taxonomists, and even better this time they invited us. We are on for Tuesday afternoon, August 29. I am writing to Dansereau and Howard Irwin at New York Botanical Garden to ask them to participate. I am sure Irwin will report on Cassias, and I hope that Dansereau will report on his ecological study of stemmed yellow violets. I will ask George to put on a one-half hour discussion of the theoretical aspects at the beginning and the others en suite. I hope you can still participate. Drop me a post card as soon as you can.

Sincerely,

David J. Rogers
Professor of Botany

DJR:ch

- Taxinmetrics Laboratory

February 23, 1967

Dr. Lorin I. Nevling, Jr.
American Society of Plant Taxonomists
22 Divinity Avenue
Cambridge, Mass. 02138

Dear Larry:

Thanks for your letter of the 15th. I think we will just skip the whole thing. Our material cannot be handled adequately with only 15 minutes per paper. I think we will probably put the symposium on at Christmas time in the AAAS meetings. Thanks anyway.

Sincerely,

David J. Rogers
Professor of Botany

DJR:ch

AMERICAN SOCIETY OF PLANT TAXONOMISTS

22 Divinity Avenue
Cambridge, Mass., 02138
February 15, 1967

Dr. David J. Rogers
Department of Botany & Plant Pathology
Colorado State University
Fort Collins, Colorado 80521

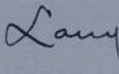
Dear Dave,

Thank you very much for your letter and phone call offering to organize a half-day symposium at the AIBS meeting in August. I have commitments for two symposia both of which now are definite.

I gather that you believe that the advancements do indeed merit exposition at this time and I would urge you to plan a series of 15 minute presentations. If you would indicate to me the speakers and order (if there is progression desired for unity) I will do my best to schedule them together. Each talk title should be accompanied by a summary of less than ~~150~~ words.

250

Sincerely,



Lorin I. Nevling, Jr.
Secretary, - A.S.P.T.

LIN:ml

Taximetrics Laboratory

February 1, 1967

Dr. Howard Irwin
New York Botanical Garden
Bronx Park
Bronx, New York 10458

Dear Howard:

I am glad you are willing to participate in the symposium. I wrote to Lorin Nevling at Harvard recently asking for a spot on the program. I hope he concurs so that we can go ahead and get the thing.

News from New York is, to say the least, interesting. Gad, you sure have a stroke of the politician, or should I say the statesman, in you. I hope you weren't under the influence of one of your South American plant materials when you wrote me that letter and that things are really looking up.

I will be glad to have the material of Manihot as soon as you have time to box it and ship it. Send it to me through Dr. Harold Harrington in order that the thing may be recorded in the proper way. On the shipping tag, please label it as follows: For Dr. David Rogers, Old Music Bldg., Dept. of Botany, Colorado State University.


Perhaps with all the other happenings in New York, I shouldn't ask you how you are progressing with Cassia, but how are you progressing with Cassia? Did the recent reprint from BioScience on how to structure characters do you any good or did it confuse the issue? Let me know.

Things are in pretty good shape here. We are enjoying ourselves. The weather is great. I have just got through sending in a whopping big grant request to NSF to do a job of information retrieval. I hope it flies because I feel that this is a real part of taxonomy. Some day I'll tell you about it.

Sincerely,

David J. Rogers
Professor of Botany

DJR:ch

THE NEW YORK BOTANICAL GARDEN
BRONX • NEW YORK 10458  LU 4-8500

27 January 1967

Dear Dave:

A tentative yes to your proposed symposium. The tentative aspect is not too serious, and relates to events described below. I too think it would be a good thing to spread the word a little more effectively. I've asked Bob Breach to run off some extra copies of the coming Memoir, as I believe that there may be some additional demand for our Paper.

Iain, as you know, is still in Brazil. I would suggest that you write him directly, but he has just left for six-eight weeks on the Rio Branco and, as soon as he gets back, he'll be heading up here. So, I'll raise the matter with him as soon as he's back here in Smogville. I gather you will contact Pierre yourself.

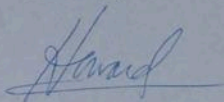
The dust was really shaken off the herbarium cases a couple of weeks ago. I got a hard offer from Dick Cowan to be their botany dept. chairman, to replace Bill Stern who has had it with red tape and gobbledegook. Who can blame him? Anyway, I was half interested, went down and talked with Dick, Bill, and a good many others, then came back here and told Bassett and Bill Steere that I was interested. Well, Bassett went livid and Bill profane, so I retreated to my corner and waited with a pocket full of Compoz. A few days later, Bill told me Bassett was retiring from the Head Curatorship come June 30, that that could be my job together with a 40% salary increase, and that the way was clear to Pierre's vacated assistant directorship as soon as Curly is out of the house and Arthur has assumed his office (this kind of knocked Arthur off his pins). Anyway, I'm glad about not having to move to Washington, Arthur thinks he "can get used to the idea" of his prospective role, and Maguire says with a tight little grin (unconvincingly as ever) that he is pleased that "these events have been precipitated." Well, there has been some precipitation around here all right, but it's little shreds of that stuff that has hit the fan.

Seriously, I don't see why I cannot make it to Texas in August. HM will be off to the crags in Peru, so I won't need to worry too seriously about sabotage. I imagine we'll make a sort of vacation trip out of it; be good to see Texas again.

Three and a half tons of specimens have arrived from Brazil, and, with the labels all ready, we can send your stuff off any time. "eady? It'll be pretty weighty, as most ~~off~~ of the Manihot is accompanied by separate roots.

Our best to Connie and the family. Marian is in 7th heaven with her job, and for the first time in our lives we feel as if we're sort of rolling in the federal lettuce -- not really, of course, but it's a nice change.

Cordially,



Howard Irwin, NYBG.

Taximetrics Lab.

Jan. 24.

Dear Howard:

I feel the time has come to publicize our methods. We've had success with your material--species in a section; with France's genera within a family; with a study of Iris missouriensis variations in the Rocky Mountains (study of a horticulturist at Montana State U., Homer Metcalf); now my M. esculenta is also done. In addition, we've just made a successful preliminary run on some ecological data of Pierre's concerning the stemmed yellow violets.

To do this publicizing, I'd like to put on a symposium discussing these results, along with the methods, at the next AIBS meetings to be held at College Station, Texas. Will you be willing to participate? I certainly hope you will, because if we don't say something in such places soon, we're going to be swamped out by Sokal and his bunch in Kansas.

The idea is for each of us to get up for say 20 minutes or half an hour and talk about what each of us has done with the method. You could be called our first success story, and the problems you encountered would be interesting, along with the solutions to those problems. I'd like to get Ean to say something about his use of the method too, and to get his acceptance of this invitation to participate in a symposium, I hope you'll talk it over with him.

to Ean are
You might point out that if we ~~xxx~~ are to continue this work, we're going to have to do more than just report the work in journals. We're going to have to identify our work as separate from that of Sokal et al., and indicate the differences in approach. And one way to get this message across is through a symposium devoted specifically to this work.

I will write to Pierre today and ask him to participate as well. I think some ecology in an otherwise systematic symposium will be helpful. The method works very well there.

If you, Ean and Pierre accept, then I'll go ahead and make some plans with the program chairman of the ASPT for a half-day symposium next August. Your reply is eagerly awaited.

Sincerely,

Pierre Danzon, N.Y.B.G.

Taximetrics Lab.

Jan. 24, 1967

Dear Pierre:

Beryl Robichaud seemed so well satisfied with the results of the computer runs, I thought I'd write before she's had even a chance to tell you about it. We are naturally very pleased that we can do something useful with the violet data, but we feel that much more work needs be done to get satisfactory methodologies for your interests.

I suggested that I'd be willing to put some time and effort into the development of the methodologies, provided you want us to do something in this line. But we could not proceed with this without some rather strenuous efforts on your part. Frankly, I know so little about ecology that I wouldn't dare attempt to work in it unless you guided us. But we need more than guidance--we need to do some real basic, elemental type digging into the rules and logic. This method paid off for us in a taxonomic procedure, and I have no doubt that it will for an ecologic endeavor. If you want to pursue the idea, let me know. I'm willing to give it say, 10-15% time, and think a like amount on your part would probably get things started. We'd need two extra people--mathematician and programmer, some computer time and travel money, but that's about all.

One way we can beat the drums for the work is to make some noises about what we have done already. It is time that we had a symposium devoted to taximetrics, and I want to plan it for the AIES meetings next August in College Station, Texas. Would you be willing to report on the work so far done with the violet data? We could back you up with the methodology employed, and only require that you say something about the ecological results. You don't have to say one word about the computer, the math, or anything dealing with the hardware aspects. I am asking Howard Irwin, Ben France, and two others with whom we've had successful runs if they would be willing to participate in such a symposium. If they agree to do so, then I'll ask for a spot on the ASPT program.

We should do this fairly soon. I hope you can make it on the symposium, for if we don't soon say something about taximetrics, we're going to be swamped by Sokal and his crowd at Kansas. This would be the death of computers for systematics and ecology for a long time.

I hope to have your acceptance on both of the above proposals. The research to be done will no doubt require much consideration on your part, but I hope that acceptance of the symposium talk will not require too much time. Let me hear from you soon, and I'll carry the load of arranging the symposium.

Sincerely,