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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.

SMITHSONIAN INSTITUTION  
UNITED STATES NATIONAL MUSEUM  
WASHINGTON, D.C. 20560

March 21, 1968

Dr. David Rogers  
Armory 101  
Biology Department  
University of Colorado  
Boulder, Colorado 80302

Dear Dave:

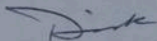
This is a very tardy response to your kind offer to participate as a speaker in the Summer Institute in Systematics. Unfortunately, things have been moving along rapidly and I simply haven't gotten some of the correspondence done that I should have. The possibility of an institute this summer looks very good indeed.

Since we corresponded the ASPT has appointed a committee to develop a curriculum and select the speakers for it. Within the last few days the selection committee met to choose the participants for the institute.

Thank you very much also for the information on Dr. Kapoor. Stan Cain has now written a letter to support his application to remain in the States.

With very best regards and again my sincere apologies for not writing sooner about this.

Sincerely yours,



Richard S. Cowan  
Director  
Museum of Natural History

Enclosure

P.S. Enclosed is an information leaflet regarding the Institute that might be of interest to you.

#### SELECTION

Applicants will be selected for their potential impact on the future of systematic botany by a committee representing the American Society of Plant Taxonomists and the Smithsonian Office of Systematics. Because of space restrictions, the number of participants will be limited to twenty-five. Notice of acceptance or rejection will be sent as soon as possible.

#### SCHEDULE

The Institute will run from Monday, June 24, 1968, through Friday, July 12. Morning lectures will begin at 9:00 A.M. Most afternoons will be free so participants can use the Washington libraries and the collections of the Smithsonian Institution for their own research. No lectures are planned for July 4. Weekends will also be open, although one or two local field trips can be arranged if desired.

#### ALLOWANCE

Participants will receive round trip travel to Washington, D.C., and an allowance of \$16.00 per day during the three weeks of the Institute. No additional stipend or family allowance will be paid.

#### FACILITIES

Lectures will be given in the air-conditioned Museum of Natural History, 10th and Constitution Avenue, N. W., Washington, D.C. For their own research, most participants will consult collections in this building, but some may wish to visit the Smithsonian Oceanographic Sorting Center, M Street, S. E., the National Arboretum, R Street, N. E., or the National Fungus Collections in Beltsville, Md. The Smithsonian libraries are excellent and other major libraries--Library of Congress, National Agricultural Library, Geological Survey Library--are within walking distance.

#### APPLICATION

Completed applications should be returned to:

SUMMER INSTITUTE IN SYSTEMATICS  
SMITHSONIAN OFFICE OF SYSTEMATICS  
SMITHSONIAN INSTITUTION  
WASHINGTON, D. C. 20560

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## *Summer Institute*

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*in*

FEB 22 1968

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## *Systematics II*

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SPONSORED BY

*Smithsonian Institution  
American Society of Plant  
Taxonomists*

# Institute Program

## Lecturers

## Topics

ALBERT C. SMITH University of Hawaii, Honolulu	KEYNOTE ADDRESS: SYSTEMATICS AND APPRECIATION OF REALITY
PETER H. A. SNEATH University of Leicester, England	RECENT TRENDS IN NUMERICAL TAXONOMY
HARLAN LEWIS University of California, Los Angeles	SPECIATION
G. LEDYARD STEBBINS, JR. University of California, Davis	HYBRIDIZATION AND POLYPLOIDY
CHARLES B. HEISER, JR. Indiana University, Bloomington	SYSTEMATICS AND THE ORIGIN OF CULTIVATED PLANTS
RUDOLPH M. SCHUSTER University of Massachusetts, Amherst	PHYTOGEOGRAPHIC PROBLEMS IN PRIMITIVE LAND PLANTS
ARTHUR R. KRUCKEBERG University of Washington, Seattle	THE IMPLICATIONS OF ECOLOGY FOR PLANT SYSTEMATICS
ROBERT ORNDUFF University of California, Berkeley	FLORAL BIOLOGY
B. L. TURNER University of Texas, Austin	CHEMO-SYSTEMATICS AND PHYLOGENY
WILLIAM L. CULBERSON Duke University, Durham	THE USE OF CHEMISTRY IN THE SYSTEMATICS OF LICHENS
LLOYD SHINNERS Southern Methodist University, Dallas	LOCAL FLORAS--PAST, PRESENT, AND FUTURE
ARTHUR J. CRONQUIST New York Botanical Garden, Bronx Park	1. THE RELATIONSHIP BETWEEN PHYLOGENY AND TAXONOMY 2. THE SYSTEM OF ANGIOSPERMS
JOSEPH EWAN Tulane University, New Orleans	APPROACHES TO HISTORICAL PROBLEMS FOR THE WORKING TAXONOMIST
THEODORE DELEVORYAS Yale University, New Haven	PALEOBOTANY, PHYLOGENY, AND A NATURAL SYSTEM OF CLASSIFICATION
WARREN H. WAGNER, JR. University of Michigan, Ann Arbor	CHALLENGES OF TEACHING SYSTEMATIC BOTANY

Application

SMITHSONIAN SUMMER INSTITUTE IN SYSTEMATICS - 1968

1. Name \_\_\_\_\_  
Business address \_\_\_\_\_ telephone \_\_\_\_\_  
Home address \_\_\_\_\_ telephone \_\_\_\_\_
2. Date of birth \_\_\_\_\_
3. List your academic degrees with the institutions that awarded them.
4. State briefly your teaching experience (years, courses) in systematic botany and closely related subjects. What courses are you now teaching?
5. Please attach a bibliography of your publications and works in press. On what group or groups of organisms have you done systematic research within the past five years?
6. If you are currently engaged in systematic research, explain how a three-week visit to the Smithsonian Institution could assist this research.
7. In addition to your interest in a specified group of organisms, what general problems in systematics interest you most, and in what areas do you feel you could best contribute to a discussion of principles?
8. Mention any other factors that you feel should be considered in evaluating this application.

Use additional sheets as required.  
Return completed application immediately to:

SUMMER INSTITUTE IN SYSTEMATICS  
SMITHSONIAN OFFICE OF SYSTEMATICS  
SMITHSONIAN INSTITUTION  
WASHINGTON, D. C. 20560

BIOSCIENCES INFORMATION SERVICE  
OF BIOLOGICAL ABSTRACTS  
2100 ARCH STREET  
PHILADELPHIA, PENNSYLVANIA 19103 U.S.A.

*Taximetries Lab  
Biology Dept.  
Armory 101  
U. of Colorado  
Boulder, Colorado 80502*

DR DAVID J ROGERS  
~~DEPT OF BOTANY~~  
~~COLORADO STATE UNIV.~~  
~~FORT COLLINS, COLO.~~

11120 006 E



**BIOSCIENCES INFORMATION SERVICE**  
OF BIOLOGICAL ABSTRACTS 2100 ARCH STREET, PHILADELPHIA, PENNSYLVANIA 19103 U.S.A. TEL. LO 9-1100

COMMUNICATING THE PROGRESS AND DIRECTION OF BIORESEARCH

February 26, 1968

TRUSTEES

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University of California  
of Los Angeles

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American Museum of  
Natural History

KENNETH S. RAPER  
University of Wisconsin

F. W. WENT  
University of Nevada

RAYMUND L. ZWEMER  
Federation of American Societies  
for Experimental Biology

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

Dear Dr. Rogers:

We're having round-up time here at Biological Abstracts - a round-up of abstracts; that is - so that we might clear up our records. Would you check all the nocks and crannies of your desk or shelves for any abstracts that might still be around? If you find any, please mail them collect to:

Biological Abstracts  
2100 Arch Street  
Attn. Editorial Department  
Philadelphia, Pa. 19103

According to our tabulations you have 8 abstracts which were sent on the following dates: 2-12-64(6), 8-4-65(1), 4-12-67(1). If by chance our records are incorrect, please inform us.

We'd appreciate hearing from you.

Cordially,

*Elizabeth M. Zipf*  
Elizabeth M. Zipf, Ph.D.  
Supervisory Editor

EMZ:pk

- Taximetrics Laboratory

June 6, 1967

Mr. H. R. Webb  
Conference Secretary  
CSIRO  
372 Albert Street  
East Melbourne, Australia

Dear Mr. Webb:

Thank you for your telegram. I am sorry I cannot accept the invitation to present a paper at the Vith International Biometric Conference. Other arrangements have already been made.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR/ch

NOTICE OF UNDELIVERED

WESTERN UNION TELEGRAM

DY DENVER, COLO.

CITY

June 5 19 67

DATE

Via radio

June 5 BCDD241

DATE OF TELEGRAM

NUMBER

Melbourne

ORIGINATING POINT

The above telegram for you remains undelivered for lack of suitable address. It may be obtained at the address below or it will be telephoned or sent to you upon request.

THE WESTERN UNION TELEGRAPH COMPANY

825 2141, EXT. 88  
917 17th Street

OFFICE ADDRESS AND TELEPHONE NUMBER

WU 26 (R 4-54)

WESTERN UNION TELEGRAM - June 6, 1967 from Melbourne, Australia

International Biometrics conference. Unforeseen program changes now allows inclusion your paper for presentation personally. Please advice if acceptable and whether attending. If so manuscript required immediately.

Webb Conference Secretary

C.S.I.R.O.

- Taxometrics Laboratory

January 31, 1967

Mr. H. E. Webb  
Conference Secretary  
CSIRO  
372 Albert Street  
East Melbourne  
Australia

Ref. XI/640

Dear Mr. Webb:

I have decided not to submit a manuscript for the Biometric  
Conference.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR:ch

VI International Biometric Conference

Ref. XI/640

Sydney, Australia

20-25th. August 1967

Chairman  
Prof. E. J. Williams

Conference Secretary  
H. R. Webb,  
CSIRO,  
372 Albert Street,  
East Melbourne,  
Australia.

26th January, 1967.

Prof. D.J. Rogers,  
Professor of Botany,  
Taxonomy Laboratory,  
Dept. of Botany & Plant Pathology,  
Colorado State University,  
FT. COLLINS - COLORADO 80521.  
U.S.A.

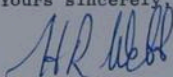
Dear Professor Rogers,

I refer to your offer to present a paper at the  
VIth International Biometric Conference in Sydney next August.

You will recall that the deadline for the receipt  
of manuscripts for the Conference was the 31st December, 1966.  
I note that yours has not yet been received and I would be  
pleased if you would let me have it at your earliest convenience,  
otherwise there may be some delay in having the handbook printed  
in sufficient time for the Conference.

Your cooperation in this regard will be greatly  
appreciated.

Yours sincerely,



H. R. Webb

CONFERENCE SECRETARY.

VI International Biometric Conference

Sydney, Australia

20-25th. August 1967

Chairman  
Prof. E. J. Williams

Conference Secretary  
H. R. Webb,  
CSIRO,  
372 Albert Street,  
East Melbourne,  
Australia.

Ref. XI/640

AIRMAIL

5th October, 1966.

Professor D.J. Rogers,  
Taxonomy Laboratory,  
Department of Botany and Plant Pathology,  
Colorado State University,  
Ft. Collins,  
COLORADO 80521, U.S.A.

Dear Professor Rogers,

Vith International Biometric Conference

Thank you for your offer to present a paper at the Vith International Biometric Conference to be held in Sydney during August 1967.

The Conference Programme has now been finalized and you will appreciate that the number of papers that can be presented by the author in person is strictly limited. The Committee has very carefully considered all the papers offered and has selected those which it feels best fit the Conference Programme.

The Committee has pleasure in accepting your paper

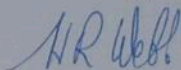
'Three Taximetric Computer Programs:  
Character Analysis, Graph Theory Clustering, and Phylogeny'

for presentation by title only.

An abstract of your paper will be included in the Handbook which will be handed to all Conference Members on arrival. This abstract, not exceeding 500 words or its equivalent in figures and tables, should be typewritten (double spaced) in English and forwarded to reach me no later than 31st December, 1966. Directions to authors set out in 'Biometrics' should be followed where applicable.

Your cooperation in meeting this deadline would be greatly appreciated.

Yours sincerely,



(H.R. Webb)  
CONFERENCE SECRETARY

THE BIOMETRIC SOCIETY  
VI INTERNATIONAL BIOMETRIC CONFERENCE

Sydney, Australia, 20th-25th August, 1967

CIRCULAR No. 1

The 6th International Biometric Conference will be held at the Wentworth Convention Hotel, Sydney, Australia, from 20th to 25th August, 1967. Membership of the Conference is open to everybody interested in the application of mathematics and statistics to biology. The families of Conference Members will be welcome and a special programme will be arranged for them.

The Conference will precede the 36th SESSION OF THE INTERNATIONAL STATISTICAL INSTITUTE, which will be held at the same venue from 28th August to 8th September, 1967.

**LANGUAGE:** The official language of the Conference will be English, and all papers will be presented in this language.

**PROGRAMME:** Sessions will include the following topics, and papers on these subjects are invited for consideration for inclusion in the Conference programme:

1. *Quantitative aspects of ecology and taxonomy:*  
Including—The collection and assessment of ecological data;  
Population dynamics;  
Numerical methods in taxonomy.
2. *Homeostatic mechanisms in biological systems:*  
Including—Population genetics, regulation of development, biochemistry, pharmacology and physiology;  
Simulation of homeostatic systems;  
Transient and steady state analysis.
3. *Teaching mathematics and statistics for biology:*  
Including—Discussion of statistics curricula;  
Teaching methods and use of computers;  
Undergraduate and postgraduate syllabuses for training mathematical biologists, biometricians, biomathematicians, etc.;  
Are we training the right kind of person?
4. *Medical and physiological biometry:*  
Including—Assessment of clinical data;  
Computer-monitored experimentation;  
Problems of clinical experimentation.
5. *Experimental strategy:*  
Including—The role of design in experimentation;  
Designs to discriminate between specific models;  
Sequential use of designs;  
Selection and screening;  
Calibration and refinement of field trials.
6. *Role and influence of computers in biometrical research:*  
Including—Storage and accessibility of biological data;  
Computer control of experimentation;  
Algorithms related to the design and analysis of experiments;  
On-line control of analysis, using console and display devices;  
Proposals for a universal language for statistical analysis.

**PAPERS:** The number of papers that can be presented during the Conference is strictly limited. To enable the organising committee to select papers for inclusion in the programme, intending authors are asked to complete the relevant section of the attached form, giving the title and a short precis of the proposed paper(s). **THIS FORM MUST BE RETURNED TO REACH THE CONFERENCE SECRETARY NO LATER THAN 31st AUGUST, 1966.**

Accepted papers—in English—will be presented at the Conference by the author in person, or read by title. The last day for receipt of papers will be 31st December, 1966, and we regret that it will not be possible to include papers received after this date.

The paper should be typewritten (double-spaced) in English and should not exceed 3,000 words, or its equivalent in figures and tables. It should also be accompanied by an abstract of the paper, not exceeding 500 words, for publication in "Biometrics" after the Conference. A Handbook of Working Papers containing papers to be presented will be handed to Conference Members on arrival.

**FEES:** The Conference registration fee will be \$A30 for members of the Biometric Society and \$A35 for non-members of the Society. The fee for each Family Member accompanying a Conference Member will be \$A15.

**TOUR:** To give Conference Members and their families the opportunity to see world-famous Sydney Harbour, a one-day tour by harbour ferry is proposed for Sunday, 19th August, 1967. A separate charge will be made for this tour.

**ACCOMMODATION:** Accommodation will be arranged at two hotels which will provide a wide range of accommodation standards. Prices range from \$A5 single room without bath and \$A7.75 to \$A8.50 single room with bath and from \$A9 twin-bedded room without bath and \$A11.50 to \$A13.50 for twin-bedded room with bath.

**TRAVEL:** The Committee has appointed QANTAS, Australia's Round-the-World Airline, as official international Air Carrier of the Conference. Enquiries may be made at your nearest QANTAS office or QANTAS-appointed Travel Agent.

**ADVICE FORM:** If you are interested in participating in the Conference, or would like further information, please complete the attached form and return it to reach

The Conference Secretary,  
6th International Biometric Conference,  
372 Albert Street,  
EAST MELBOURNE, C.2, Victoria, Australia.

**NO LATER THAN 31st AUGUST, 1966**

This information is required to facilitate planning. A further circular setting out final arrangements and programme will be forwarded at a later date and will include a Registration Form on which you will be asked to confirm your intention to participate, and fees will be payable at this time.

This second circular will be sent only to those who complete and return the enclosed advice form.

*Symplocos*

- Taxonomy Laboratory

May 16, 1966

Dr. Harold C. Conklin  
Department of Anthropology  
Yale University  
New Haven, Connecticut

Dear Hal:

See if you can help me. I have been invited to prepare a paper on new world ethnobotany at the International Meeting of the Americanists in Buenos Aires next September. Unfortunately, because I am not on the list for receiving anthropological news notices, I did not know the deadline for applying to the National Science Foundation for travel money. This deadline was March 1.

Where can I go for funds? Does the Werner-Grenn Foundation support this sort of thing? Let me know as soon as you know of any suggestions you have.

Sincerely,

David J. Rogers  
Professor of Botany

DJR:ch

XXXVIIth. International Congress of Americanists  
Argentina September 1966

Cambridge, July 27, 1966.

Doctor  
David J. Rogers  
Department of Botany  
Colorado State University  
Fort Collins  
Colorado 80521

JUL 29 1966

Dear Dr. Rogers,

I have just received information from the Organizing Committee of the Congress about the financial assistance for the participants and I regret to inform you that there is no possibility of obtaining this assistance.

I feel very disappointed because you and other ethnobotanists will not be able to attend the Congress and we will not have the opportunity of learning about your interesting papers for this financial problem.

I shall be glad to help you in any other way from my country and hope to meet you as soon as possible.

Sincerelly yours,

Julián Cámara-Hernández  
Botanical Museum, Harvard Univ.  
Cambridge, Mass. 02138.

My address after September 1966 will be:  
Facultad de Agronomía y Veterinaria  
Cátedra de Botánica Agrícola  
Avenida San Martín 4453  
Buenos Aires, Argentina.

- Taxonomy Laboratory

July 21, 1966

Ing. Agr. Julian Camara-Hernandez  
Botanical Museum  
Harvard University  
Oxford Street  
Cambridge, Massachusetts 02138

Dear Mr. Camara-Hernandez:

I have been completely unsuccessful in obtaining travel funds for the International Congress of Americanists. I wonder if you have had any success at all in obtaining funds through the Organizing Committee of the Congress. I would appreciate your earliest reply to this letter as I must either accept or decline the invitation very shortly.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR:ch

Yale University *New Haven, Connecticut*

DEPARTMENT OF ANTHROPOLOGY

23 May 1966

MAY 24 1966

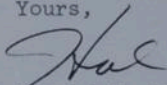
Professor David J. Rogers  
Taxonomy Laboratory  
Department of Botany and  
Plant Pathology  
Colorado State University  
Fort Collins, Colorado 80521

Dear Dave:

Why not write both the Wenner-Gren Foundation for Anthropological Research in New York, and the Division of Behavioral Sciences of the National Academy of Sciences-National Research Council in Washington, explaining the situation? Both have been "possibilities" in the past, although I do not have a list of their deadlines handy.

Best of luck.

Yours,



Harold C. Conklin  
Chairman

HCC:mae

- Taxonomy Laboratory

May 25, 1966

Wenner-Gren Foundation  
For Anthropological Research  
14 E. 71st St.  
New York, N.Y. 10021

Gentlemen:

I have been invited to participate in the XXXVIIth International Congress of Americanists to be held in Argentina. Specifically, I have been invited to participate in the Symposium on Ethnobotany of the Americas. The organizer of this symposium, Ing. Agr. Julian Camara-Hernandez, invited me on the 26th of February.

This invitation came too late for me to formally apply to the National Science Foundation for assistance in travel funds. I wonder if it is possible to apply to you for travel monies for this particular congress?

I realize that it is very late, and I am sorry that I was not aware of any deadlines.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR:ch

- Taxonomy Laboratory

May 25, 1966

Division of Behavioral Sciences  
National Academy of Sciences-National Research Council  
2101 Constitution Ave.  
Washington, D.C. 20418

Gentlemen:

I have been invited to participate in the XXXVIIth International Congress of Americanists to be held in Argentina. Specifically, I have been invited to participate in the Symposium on Ethnobotany of the Americas. The organizer of this symposium, Ing. Agr. Julian Camara-Hernandez, invited me on the 26th of February.

This invitation came too late for me to formally apply to the National Science Foundation for assistance in travel funds. I wonder if it is possible to apply to you for travel monies for this particular congress?

I realize that it is very late, and I am sorry that I was not aware of any deadlines.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR:ch

MAR 2 1966

XXXVII<sup>TH</sup> INTERNATIONAL CONGRESS OF AMERICANISTS  
ARGENTINE REPUBLIC — SEPTEMBER 1966

Cambridge, February 26, 1966.

Doctor  
David Rogers  
Department of Botany  
Colorado State University  
Ft. Collins  
COLORADO 80521

Dear Dr. Rogers,

The XXXVII<sup>th</sup>. International Congress of Americanists will be held in Argentina from September 3 to September 11, 1966. The Organizing Committee of the Congress has planned to hold a Symposium on the Ethnobotany of the Americas.

As the coordinator of the Symposium, I have the pleasure of inviting you to participate and present a paper with in the theme of the Symposium.

I should appreciate it very much indeed if you could inform me, as early as possible, whether or not you will accept this invitation to participate in the Symposium. I should also like to know whether you will be able to obtain a grant for your trip and stay in Argentina during the Congress. This information will be very helpful for me to make the necessary arrangements.

I will be able to provide you with the detailed information about the Symposium as soon I hear from you.

Thanking you,

Sincerely yours,



Ing. Agr. Julián Cámara-Hernández  
Botanical Museum, Harvard University  
Oxford St., Cambridge 02138  
Massachusetts

- Taxonomy Laboratory

March 2, 1966

Ing. Agr. Julián Cámara-Hernández  
Botanical Museum, Harvard University  
Oxford Street  
Cambridge, Massachusetts 02138

Dear Mr. Cámara-Hernández:

Thank you for your letter inviting my participation in the Symposium on the Ethnobotany of the Americas. I would indeed be pleased to participate.

I cannot answer your question whether I can obtain a grant for this travel until I have requested from the various granting authorities. I am at this moment writing to the usual sources for funds to determine whether or not this particular symposium is one of those to be sponsored by the National Science Foundation. If it is officially sponsored by the National Science Foundation there is some likelihood that funds will be forthcoming. Until I have had an affirmative or negative reply, however, I cannot definitely accept. You will hear from me as soon as I have any information.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR/pam

- Taxonomy Laboratory

April 28, 1966

Dr. William J. Riemer  
Biological and Medical Sciences  
National Science Foundation  
Washington, D.C. 20550

Dear Dr. Riemer:

On March 2, 1966 I wrote to you regarding the possibility of obtaining travel support to attend and participate in a symposium at the XXXVIIth International Congress of Americanists to be held in Argentina in September 1966. Since I have not heard from you, I was wondering if my letter could have been lost or misplaced.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR:ch

- Taxonomy Laboratory

March 2, 1966

Dr. William J. Riemer  
Biological and Medical Sciences  
National Science Foundation  
Washington, D. C. 20550

Dear Dr. Riemer:

I have been invited to attend and participate in a symposium at the XXXVIIth International Congress of Americanists to be held in Argentina in September 1966. I should like to determine whether this congress is one of those recognized by the National Science Foundation for which travel support may be obtained.

I will be pleased to hear from you.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR/pam

XXXVII<sup>TH</sup> INTERNATIONAL CONGRESS OF AMERICANISTS  
ARGENTINE REPUBLIC — SEPTEMBER 1966

Cambridge, March 29, 1966. MAR 31 1966

Professor  
David J. Rogers  
Colorado State University  
Department of Botany and Plant Pathology  
Fort Collins  
Colorado 80521

Dear Professor Rogers,

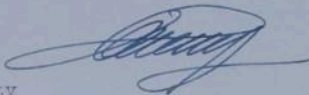
I am very glad to know from your letter that you could possibly participate in the Symposium on the Ethnobotany of the Americas of the XXXVIII<sup>th</sup> International Congress of Americanists.

I am enclosing herewith information on various aspects of the Symposium and the presentation of the papers at the Congress. I will send you any additional information that I may receive in future from the Organizing Committee.

I earnestly hope that you will be able to obtain a grant for your passage and stay in Argentina during the Congress. However, I have requested the Organizing Committee of the Congress to consider possibilities of providing financial support to you.

Sincerely yours,

Julián Cámara-Hernández  
Botanical Museum, Harvard University  
Oxford St., Cambridge 02138  
Massachusetts



XXXVIIIth. INTERNATIONAL CONGRESS OF AMERICANISTS  
- Argentine Republic -

Date and place of Congress

The XXXVIIIth. International Congress of Americanists will be held in Argentina from September 3 to September 11, 1966. The first Plenary Session and the Solemn Opening Session will be celebrated on Saturday 3, in the city of Buenos Aires. On Sunday 4 the members of the Congress will travel to Mar del Plata City where the following day, Monday 5, the Labor Sessions will start, developing up to Saturday 10, ending with the Closing Plenary Session on Sunday, September 11.

The Labor Sessions will take place in the large and comfortable halls of the "Gran Hotel Provincial" of this city, specially reserved for these purposes.

Reservations will be made in the same Hotel, although attendants may prefer a cheaper one nearby.

Trip from Buenos Aires to Mar del Plata.

The trip from Buenos Aires to Mar del Plata City is in charge of the Congress' Organizing Committee.

Scientific Activities of the Congress.

To obtain a maximum of effectivity in the organization of the Congress and best results in its scientific activities, some general criteria have been established, according to which the Labor Sessions must develop. These criteria are:

- a) The specific themes of the symposia are selected by the Organizing Committee.
- b) The Organizing Committee has designated for each symposium, one or two coordinators, who choose the participants of each symposium and set up and organize it in all its details.
- c) As a general module, it is convenient that the number of participants be limited to eight to ten persons as a maximum and to six as a minimum.
- d) All person proposed as participant by the coordinator can and shall be included in the categorie of Titular Member.
- e) Participation in each symposium will exclusively be permitted to Titular Members, specially named by the symposium's coordinator.
- f) Only those persons named as "Participants", as specified in e), will have the right to speak and vote in the discussions held in the symposium, and to submit papers.
- g) Associated Members and Student Members properly endorsed will be permitted to speak up to five minutes, by means of a participant who will act as informer, by exception and with previous authorization of the coordinator of the symposium.
- h) Each symposium will last one or two full days of those dedicated to the Congress' Sessions, and several different symposia shall be performed simultaneously although they shall be coordinated so as to refer to different themes in the same day.

- 1) Participants to each Symposium shall do their works according to the theme or themes previously agreed with the coordinator, depending on the needs which the general set up of the symposium demands. These works must be sent before May 31 to the coordinator of the Symposium, so that he can get them printed and distribute them among all the other participants to the Symposium. Therefore, papers will not be read during the Symposium, thus sparing the disposable time exclusively for their discussion.
- 2) It is suggested that each work be up to 40 pages, in 8.5" x 11" (21,5 cm x 27,5 cm) paper sheets and typewritten double-spaced, in original and copy.

#### Languages in the Congress.

Approved languages in the Congresses of Americanists are: Spanish, English, Portuguese, French and German. Therefore, participants may employ any of these languages, two or more of them, during the discussions, according to coordinator's criterium and the requirements of the Symposium.

#### Communications.

Any participant to a Symposium apart from the work or works included in it, is permitted to submit up to two communications during the ordinary Sessions of Communications.

#### Trip expenses.

The Organizing Committee shall be able to defray certain trip expenses (by plane) to Argentina. Due to the numerous planned symposia it will not be possible to provide tickets to all participants.

In order to obtain a higher concurrence of specialists and in general a better result in the Congress, the coordinators request the collaboration of the participants to get economic support from their respective countries, if possible, through their governments or scientific institutions. For this purpose, the Secretary of the Congress will send formal invitations whenever they are requested.

In the case this support is not attained, the Organizing Committee will endeavor, within its possibilities, to supply a round trip or at least one way to Argentina.

#### Lodging.

In general, the considerations concerning lodging are similar to those for trip expenses, although the Organizing Committee is able to offer more lodging facilities at the "Gran Hotel Provincial" in Mar del Plata.

As reference, here are the room prices in U.S.A. dollars (without meals) at the "Gran Hotel Provincial"

<u>Rooms</u>	<u>Single</u>	<u>Double</u>	<u>Triple</u>
Outside	US\$ 6.50	US\$ 10.-	US\$ 12.-
Inside	US\$ 5.-	US\$ 8.-	US\$ 10.-

Note: To these prices, which correspond to complete rooms, 24 o/o as Labor bonification and 5 o/o Provincial Tax Law 6876/64 must be added.

### Programmed Symposia

The programmed Symposia and those which are still being organized are as follows:

1. (5-10) The urbanization process in America.
2. (5) Methods and techniques for recording and determination of the styles of rupestrian art.
3. (5) Settlement patterns of the highland and lowland Maya.
4. (5) American historical Demography. New techniques and interpretations.
5. (5) Theoretical frame of Anthropology in America. Statement and perspectives.
6. (5,6) Analysis of the characteristics, causality and socio-cultural projection of folkloric facts in America.
7. (5) Biological adaptation of man to the environment.
8. (6,7) South andean Area.
9. (6) The influence of Teotihuacan culture in Mesoamerica.
10. (6) The different social experiences in America's colonization.
11. (6) Internal migration and cultural changes in the andean countries.
12. (6) Ethnobotany of the Americas.
13. (7) Ethnohistorical sources of Mesoamerica.
14. (7) Indian insurrections in America during the colonial period.
15. (7) Social anthropology in America: theory and methods.
16. (7) Typology of indian american languages.
17. (7) The baroque in America.
18. (8,9) The Pre-ceramic in America.
19. (8) Archaeology of Brazil.
20. (8) Problems and methods of south american Economic History.
21. (8) Cultural crisis before technological changes.
22. (8) Arid frontiers of civilization.
23. (8) The application of psychological techniques to the study of american indians.
24. (9) Play of the archives and of Paleography in relation to indian, anthropologic, economic and social investigations.
25. (9) Proslavery policies and socio-cultural results in the New World.
26. (9) Conducted cultural changes in Latin America.
27. (9) (On Physical Anthropology).
28. (10) Archaeological sites in Southamerican coasts.
29. (10) The history of ideas in America. Colonial and national period.
30. (10) Possibility, probability or reality of Americus Vespucius at the River Plate.
31. (10) Ethnographic aspects of indian cultures of Brazil.
32. (10) Relation between Language and Culture.
33. (10) Maya calendrical correlations and Mesoamerican Archaeology.
34. (9) The independence of the Spanish colonies of America and Europe.

Title of some Symposia are not definitiv; and therefore may be changed. The provisory date given for each Symposium is pointed out between brackets.

- Taxonomy Laboratory

May 16, 1966

Dr. Robert L. Dressler  
Associacao De Biologia Tropical  
Oficina Central  
Museu Nacional  
Quinta Da Boa Vista  
Rio De Janeiro, GB  
Brazil

Dear Bob:

I am sorry that I will not be able to participate in the Belem symposium. Time and funds just do not permit, even with the generous assistance now being offered. I wish you the best of luck for an outstanding meeting, and hope you will continue as director of ATB.

Sincerely,

David J. Rogers  
Professor of Botany

DJR:ch



ASSOCIATION FOR TROPICAL BIOLOGY, Inc. X

ASOCIACIÓN DE BIOLOGÍA TROPICAL

ASSOCIAÇÃO DE BIOLOGIA TROPICAL -

DIREÇÃO CENTRAL - CENTRAL OFFICE - <sup>1</sup> OFICINA CENTRAL; <sup>2</sup> MUSEU NACIONAL; <sup>3</sup> QUINTA DA BÓIA VISTA; RIO DE JANEIRO, GB

15 April 1966

15 Day P

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

Dear Dave:

I guess your letter of February 25 arrived after I left for Costa Rica. Anyway, it was among the stack of correspondence awaiting my attention when I got back.

There is apparently a very good probability of travel money now. We have applied to the National Academy of Science, and Dr. Rabinowitz was very encouraging when he was here a couple of weeks back. Your name was on the list of U.S. participants submitted. I don't know just when we'll have a definite answer on this.

In any case, could you please give us a definite title and a summary for your paper as soon as possible?

Your letter is the first I had heard of the map deal, but José Candido says that it is OK. He will check to find out the cost of the available millionth maps.

Thanks muchly for Mike's address. I will try to get a note off to him one of these days.

All for now.

Sincerely,

Robert L. Dressler

- Taxonomy Laboratory

April 28, 1966

Dr. A. W. Crompton  
Director, Peabody Museum of Natural History  
Yale University  
New Haven, Connecticut 06520

Dear Dr. Crompton:

I am pleased to accept your kind invitation to participate in the  
ethnobotanical symposium next fall.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR:ch

Yale University *New Haven, Connecticut 06520*

PEABODY MUSEUM OF NATURAL HISTORY

*Tel. 203-787-3131*

April 25, 1966

APR 26 1966

Dr. David J. Rogers  
U. Colorado State  
Fort Collins, Colorado

Dear Dr. Rogers:

As a major part of the Centennial Celebrations of the Yale Peabody Museum during 1966 we are organizing a two and one-half day symposium on the 26th, 27th and 28th of October. The symposium will be devoted to new contributions in research fields that are examples of the type of exciting and stimulating work we wish to see undertaken within or associated with museums of earth and life sciences in future years. It is intended to celebrate the Centennial primarily by looking forward into the future rather than dwelling on the past history of the institution.

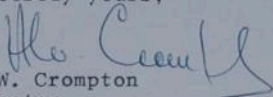
We are writing to invite you to be present and partake in the discussion of the papers devoted to ethnobotany. We are inviting ten discussants for each day of the symposium.

If you are able to accept this invitation, the full text of the papers to be delivered in the ethnobotanical session will be sent to you in September. We are attempting to arrange it so that a volume containing the text of the papers read at the symposium will be published a few months after the end of the Centennial Celebrations. A list of those reading papers is enclosed for your information.

Your traveling expenses to and from New Haven and living expenses during the symposium will be entirely covered by Yale University and you will, of course, be our guest during your stay here.

We hope that it will be possible for you to be at Yale during all three days of the Celebrations. The welcoming dinner for the contributors and discussants will be given on the evening of the 26th and the Celebrations will be terminated by a banquet on the Friday evening, the 28th, at which the President of the University will present Verrill Medals to six scientists who have made outstanding contributions in the field of natural history.

Sincerely yours,

  
A. W. Crompton  
Director

PEABODY MUSEUM OF NATURAL HISTORY CENTENNIAL PROGRAM

Wednesday afternoon, October 26th

Ethnobotany: Chairman, Prof. Harold C. Conklin, Dept. of Anthropology (Yale).

- 1) Dansereau, Pierre (New York) - biogeography.
- 2) Yen, Douglas E. (New Zealand) - genetics and economic botany.
- 3) Barrau, Jacques (Paris) - origin of cultivated plants.
- 4) Wasson, R. Gordon (India) - hallucinogenic plants.
- 5) Brookfield, H.C. (Australia) - agrarian geography.

Thursday morning, October 27th

Evolutionary processes at the population level: Chairman, Prof. Charles G. Sibley, Dept. of Biology (Yale).

- 1) Levins, Richard (Puerto Rico) - adaptive fitness and niche specialization.
- 2) Rendel, J.M. (Australia) - adaptive fitness and niche specialization.
- 3) Clarke, Bryan (Edinburgh) - molluscan population genetics.
- 4) Vasek, Frank C. (California) - gene exchange between angiosperm population.

Thursday afternoon, October 27th

Evolution of physiological adaptation: Chairman, Prof. Talbot H. Waterman, Dept. of Biology (Yale).

- 1) Norris, Kenneth S. (California) - cetacean biology.
- 2) Bjorkman, Erik (Sweden) - physiological adaptation in plants.
- 3) Beck, Stanley D. (Wisconsin) - insect environmental physiology.
- 4)

Friday morning, October 28th

Paleocology: Chairman, Prof. G. Evelyn Hutchinson, Dept of Biology (Yale).

- 1) Stehli, Francis G. (Cleveland) - zoogeography and climatology.
- 2) Laporte Léo F. (Brown) - carbonate synecology.
- 3) Fell, H.B. (Harvard) - functional morphology.
- 4) Chaloner, W.G. (England) - paleozonic spore studies.

Friday afternoon, October 28th

Origin of major groups: Chairman, Prof. A. W. Crompton, Dept of Geology (Yale).

- 1) Cloud, Preston E. Jr. (Minnesota) - origin of metazoa.
- 2) Kühne, Walter G. (Germany) - origin of mammals.
- 3) Robinson, J.T. (Wisconsin) - origin of man.
- 4) Banks, Harlan P. (Cornell) - origin of land plants.

JAN 13 1966

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

10 January 1966

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

re: Symposium on the Biota of the Amazon  
Belem, June 1966

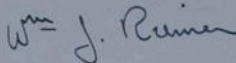
Dear Dr. Rogers:

I am replying to your letter to Dr. Hodge because I handle the international travel requests for this Division.

We regret to inform you that the National Science Foundation is unable to support your request for funds to enable you to attend the above meeting. The Foundation is generally able to provide some support for travel to a few selected meetings each year. The one you plan to attend is not, however, among those for which travel funds are available. Please understand that funds available for foreign travel are very limited, and only a small number of the requests coming to us can be supported. We wish that our budget could be stretched to include grants for all worthy requests.

We are sorry that we cannot be of assistance in this instance and hope that we shall be able to assist you in the future.

Sincerely yours,



William J. Riemer  
Biological and Medical Sciences

- Taxonomy Laboratory

February 25, 1966

Dr. R. L. Dressler, Executive Director  
Organizado pela Associacao de Biologia Tropical  
Rio de Janeiro  
BRASIL

Dear Bob:

Thanks for your letter of the 15th. I have one more slight lead to get funds to come down in June. This is a private source of funds and may or may not come through. I'll let you know when and if I can make it.

I appreciate your suggestion of Louis Long, Jr., of the U.S. Army Natick Laboratories. Unfortunately, I know Mr. Long. Indeed we attempted to get together for funding some collections of Manihot, but for some reason or other Mr. Long seemed to think that we should subsidize his work by doing the collections for free, and this we found unpalatable.

You asked for Mike Wirth's address. The last address known for Mike is: 4507 20th Road, Long Island City 5, New York. I hope you can reach him and I also hope that he hasn't pitched his copy of the thesis out. Knowing Mike, I wouldn't be surprised if he has.

The other day in conversation with Tom Soderstrom I found that we can get maps of Brasil at incredibly low rates through you. I think that Tom said that if I sent you a check you could ask the Instituto Brasileiro de Geografia in Rio to send me all of their maps of Brasil on a millionth scale. Is it true that you are willing to perform such marvelous services? If so, please let me know and I will forward appropriate check. This would be a very fine service and I'm sure the best way in the world to get it.

Nothing else of importance now. I hope that we'll get some positive reactions on the various things above.

Sincerely,

David J. Rogers  
Professor of Botany

FEB 21 1966



ASSOCIATION FOR TROPICAL BIOLOGY, Inc.  
ASOCIACIÓN DE BIOLOGÍA TROPICAL  
ASSOCIAÇÃO DE BIOLOGIA TROPICAL

DIREÇÃO CENTRAL - CENTRAL OFFICE - OFICINA CENTRAL: MUSEU NACIONAL, QUINTA DA BOA VISTA, RIO DE JANEIRO 68

February 15, 1966

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

Dear Dave:

I'm glad to hear that you are interested in taking part in the Symposium (or did I already answer your first letter?). It is unfortunate, from the standpoint of grant funds, that the Symposium will fall in this fiscal year. I don't think our old friend Bassett will forgive us for this (among many other things), but the June date works out much better at this end.

I don't have any sure-fire ideas for getting money, but I have learned that Louis Long, Jr., head of the Organic Chemistry Lab., U. S. Army Natick Laboratories, Natick, Mass., is interested in Manihot for some reason. I think that he wants to study the distribution of the hydrocyanic acid, but some nasty person told him that Manihot plants were not all identical. Now he's worried. That is about all I know about it. Someone in the local "Biophysical Institute" has similar interests, in trying to figure how radioactive the local hill-billys will become if they grow their food on mildly radioactive areas. Margaret Emmerich was there the other day and they proudly told her that they had a Manihot with flowers. You guessed it, young, red leaves.

Well, I don't know if you can make anything of the U. S. Army bit, but I'll continue to watch for anything which may help.

Oh, yes, do you have the address of our friend, Mike Wirth? I would like to get a copy of his thesis from him, since he'll never do anything with it.

All for now.

Sincerely,

*Bob*  
R. L. Dressler

- Taxonomy Laboratory

January 14, 1966

Dr. Robert L. Dressler, Executive Dir.  
Organizado pela Associação  
de Biologia Tropical  
Museu Nacional,  
Quinta da Boa Vista  
Rio de Janeiro  
Estado da Guanabara,  
Brasil

Dear Bob:

I have just received a negative answer to my request for funds from the National Science Foundation to travel to Belem for the Symposium. I have one more slim hope through a U.S. Aid project which supposedly has something to do with Brasil and particularly with Manihot here on the campus at C.S.U. This institution has some sort of a collaborative project with the University of Bahia. This is one of those crazy commercial endeavors where big stick engineers and business types from the campus go down there to Brasil and tell the folks how to make a Manihot manufacturing plant. They seem to have more money than they have sense and it may be that I can spring some dough from them.

Do you have any suggestions for funds from such organizations as UNESCO? It might be that they would be more willing. Let me know if there are any ideas that occur to you where funds may be derived.

Sincerely,

David J. Rogers  
Professor of Botany

DJR/ppm

JAN 3 1965



Centenário do Museu Paraense "Emílio Goeldi" (1886-1986)

SIMPÓSIO SÔBRE A BIOTA AMAZÔNICA  
Belém, Pará, Brasil, junho 6-11, 1966.

Organizado pela Associação de Biologia Tropical com a colaboração  
do Conselho Nacional de Pesquisas do Brasil

<sup>2</sup> Museu Nacional, <sup>3</sup> Quintas da Boa Vista  
<sup>4</sup> Rio de Janeiro, <sup>5</sup> Estado da Guanabara

Brasil

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

December 29, 1965

Dear Dave:

Hi! I'm more or less settled in Rio de Janeiro - as settled as I can be with the space available. I saw Henry Fleming at Urbana, and he told me about Mike. I haven't heard anything else either from him or from his friends in St. Louis.

As you may know, the Association for Tropical Biology is sponsoring a Symposium in Belém on the Biota of the Amazon Basin in June (June 6 - 11, 1966). The program committee got off to something of a slow start, but Dr. Carvalho has taken over from this end, and the program is developing quite well. The anthropologists are unanimous in their desire for a botanist who will tell them something about the origin and diffusion of cultivated plants (the botanists, of course, couldn't care less). Since *Manihot* is the cultivated plant in the Amazon basin, you are the logical candidate, if it can be arranged.

The paper would be for about 20 minutes, and would be published later in the Annals of the Symposium. We would like to have a summary of 300 - 600 words by April 1, and the final manuscript at the Symposium. The worst of it is that we don't have any travel money. Quite a few North Americans and Europeans can get travel money from other sources. I don't know whether you can scrape up the \$\$ or not.

So, please let me know if you think you can take part in the Symposium, and what your title would be.

Very sincerely

*Bob*

Dr. Robert L. Dressler,  
Executive Director

- Taxonomy Laboratory

January 3, 1966

Dr. Walter Hodge  
Program Director for  
Systematic Biology  
The National Science Foundation  
Washington, D. C.

Dear Walter:

I have just received an invitation from Bob Dressler to participate in the Symposium on the Amazonian Biota. Specifically, he wants me to talk about the origin and distributions of cultivated plants.

The Symposium, of which I am fairly sure you are aware, is to be held from June 6th to the 11th, 1966. As usual, he has invited me to attend, but has no funds available for my transportation. I would like to know if it is possible to have a travel grant for this purpose, and if so, will you please send me application forms?

Best wishes for the new year.

Sincerely,

David J. Rogers  
Professor of Botany

DJR/pam

- Taxonomy Laboratory

January 3, 1966

Dr. Robert L. Dressler, Executive Dir.  
Organizado pela Associacao de Biologia Tropical  
Museu Nacional,  
Quinta da Boa Vista  
Rio de Janeiro,  
Estado da Guanabara,  
Brasil

Dear Bob:

I am interested and pleased to have received your invitation to present a paper on the origin and diffusion of cultivated plants. At the Symposium on the Amazonian Biota my acceptance of the invitation is dependent, of course, upon whether or not the National Science Foundation will foot the bill. If they will then I can make it. Otherwise, I have no other funds for travel.

I am definitely interested in talking about this subject and hope that we can make a go of it. I have written to Walter Hodge and asked him if he can foot the bill through the National Science Foundation. As soon as I have heard from him I will give you a definite yes or no.

Once again, thanks for the invitation and best wishes for the new year.

Sincerely yours,

David J. Rogers  
Professor of Botany

DJR/pam

- Taxonomy Laboratory

August 25, 1966

Prof. A. Chaves Batista  
Coordenador do I SIMPOSIO LATINO AMERICANO DE  
MICROBIOLOGIA DOS SOLOS  
Institute de Micologia da Universidade  
Federal de Pernambuco-Avenida Rosa e Silva nº 347  
Recife-Pernambuco-Brasil

Dear Professor Chaves:

I very much appreciate your invitation to attend "I SIMPOSIO LATINO AMERICANO DE MICROBIOLOGIA DOS SOLOS." I am sorry that I will not be able to participate. I wish you the best of luck in the symposium which I think is of fundamental significance.

Very sincerely yours,

David J. Rogers  
Professor of Botany

DJR:ch

I SIMPÓSIO LATINO AMERICANO DE MICROBIOLOGIA DOS SOLOS

Recife, 16 de agosto de 1966

Ilm<sup>o</sup> Sr. Dr. David J. Rogers

Prezado colega:

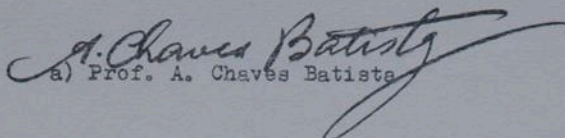
I - Na qualidade de Coordenador Geral do I SIMPÓSIO LATINO AMERICANO DE MICROBIOLOGIA DOS SOLOS, que se realizará em consonância com o XIX Congresso da Sociedade Botânica do Brasil, temos a subida honra de formular convite ao ilustre Cientista que é o caro amigo, para participar do referido SIMPÓSIO que se realizará no período de 22 a 30 de janeiro de 1967, na cidade do Rio de Janeiro, Estado da Guanabara, Brasil.

II - A colaboração do prezado amigo nos trabalhos dêsse certame permitirá através da conjugação de esforços melhor entendimento entre os microbiologistas das Américas, além de proporcionar ajuste de métodos da pesquisa científica, ensejando subsídios para o progresso da agricultura na América Latina.

III - Confiantes no seu patriotismo e interêsse, estamos certos de sua atuação nêsse I SIMPÓSIO LATINO AMERICANO DE MICROBIOLOGIA DE SOLOS, apresentando teses que devem nos ser enviadas até o dia 10 de dezembro de 1966 para o seguinte enderêço, ou simplesmente comparecendo as nossas reuniões para o debate das matérias constantes do temário anêxo:

"Prof. A. Chaves Batista  
Coordenador do I SIMPÓSIO LATINO AMERICANO DE  
MICROBIOLOGIA DOS SOLOS  
Instituto de Micologia da Universidade Federal  
de Pernambuco-Avenida Rosa e Silva n<sup>o</sup> 347  
Recife-Pernambuco-Brasil."

IV - Na firme esperança de poder contar com a sua honrosa anuência apresentamo-lhe as expressões de mais alta consideração.

  
a) Prof. A. Chaves Batista

Coordenador Geral

TEMÁRIO E SIMPOSIAS DO I SIMPOSIO LATINO AMERICANO DE MICROBIOLOGIA DOS SOLOS, QUE SE REALIZARÁ DE 22 a 30 DE JANEIRO DE 1967, NA CIDADE DO RIO DE JANEIRO, ESTADO DA GUANABARA, BRASIL, SOB O PATROCINIO DA SOCIEDADE BOTÂNICA DO BRASIL E TENDO POR SEDE A ACADEMIA BRASILEIRA DE CIÊNCIAS.

I - FIXAÇÃO SIMBIÓTICA DO NITROGÊNIO ATMOSFÉRICO

Profa. Joanna Dobereiner, do Instituto de Pesquisas e Experimentação Agro Pecuárias do Centro Sul, do Ministério da Agricultura.

II - MOBILIZAÇÃO ASSIMBIÓTICA DO NITROGÊNIO

Prof. Clóvis Silva Fernandes, da Escola Superior de Agricultura, (URP) e do Instituto de Pesquisas e Experimentação Agropecuárias do Nordeste, Ministério da Agricultura.

III - MÉTODOS MICROBIOLÓGICOS DE DETERMINAÇÃO DA FERTILIDADE DOS SOLOS

Prof. Ferdinando Galli e colaboradores - Escola Superior de Agricultura "Luiz de Queiroz" - São Paulo, Ministério da Agricultura.

IV - INTEMPERISMO DE MINERAIS PRIMÁRIOS POR FUNGOS, BACTERIAS E ACTINOMYCETALES DOS SOLOS

Prof. A. Chaves Batista e colaboradores do Instituto de Micologia da Universidade Federal de Pernambuco e da Universidade Rural de Pernambuco. Ministério da Agricultura.

V - RADIOTIVIDADE E MICROORGANISMOS DOS SOLOS

Instituto de Biofísica da Universidade do Brasil  
Prof. Carlos Chagas Filho e colaboradores.

VI - ANTIBIÓTICOS DOS SOLOS

Prof. Augusto P. Cercós - Instituto de Microbiologia Agrícola Argentina.

VII - MICROFAUNA DO SOLO E SUAS RELAÇÕES COM A AGRICULTURA

Prof. Edwards de Menezes Lyra - Universidade Federal de Pernambuco, Ministério da Educação e Cultura.

VIII - PROSPECÇÃO MICROBIOLÓGICA DOS SOLOS

Prof. A. Chaves Batista e colaboradores do IMUFF

IX - HORMONIOS E FATORES DE CRESCIMENTO PRODUZIDOS POR MICROORGANISMOS DO SOLO

Instituto Inter Americano de Ciências Agrícolas e Forestais

- X - MICORRIZAS E SEU PAPEL NO POVOAMENTO VEGETAL DE SOLOS DEGRADADOS, DESNUDOS, OU DE AREIA MOVEDIÇA  
Prof. Rolf SINGER, da Faculdade de Ciências Exatas e Naturais da Universidade de Buenos Aires - Argentina.
- XI - BIOQUIMICA DE LEVEDURAS DOS SOLOS  
Prof. Amadeu Cury - Instituto de Microbiologia - Universidade do Brasil.
- XII - TAXONOMIA DE LEVEDURAS  
Prof. Artagaveytia - Allende, Escola Nacional de Química, Uruguai
- XIII - PRODUÇÃO E DISTRIBUIÇÃO DE INOCULANTES FIXADORES DE NITROGÊNIO  
Prof. Jardim Freire - Universidade do Rio Grande do Sul
- XIV - O SOLO COMO REPOSITÓRIO DE PATÓGENOS  
Prof. Fernando Albuquerque - Instituto de Pesquisas e Experimentação Agropecuárias do Norte - Belém, Pará - Ministério da Agricultura.