



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

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#### *About the Institute*

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Addresses of

PARTICIPANTS - TAXIR DEMONSTRATION

Charles J. Austin	MEDLARS, Computing Center, Univ. of Colorado Medical Center
Arthur S. Boughey	Dept. of Population Biology, Univ. of California, Irvine 92650
Kent Bridges	Dept. of Population Biology, Univ. of California, Irvine 92650
<del>William A. Briggs</del>	College of Arts and Sciences, Univ. of Colorado
Richard Brown	Longwood Program, Univ. of Delaware, Newark, PA 19711
John Chronic	Department of Geology, Univ. of Colorado
Richard Cowan	Smithsonian Institution, Wash. D.C. 20560 15213
Gilbert Daniels	Hunt Botanical Library, Pittsburgh, Carnegie-Mellon Univ., Schenley Park
Thomas Galloway	Office of Scientific Information Services, NSF, Wash. D.C. 20550
Morris Garnsey	Dept. of Economics, Univ. of Colorado
Gary Godsey	U.S. Forest Service, Rocky Mt. Expt. Station, Colo. State Univ.
Clyde Goulding	Philadelphia Academy of Natural Science, 19 <sup>th</sup> + the Parkway, Phila., Penn. 19103
Nelson Hairston	Zoology Museum, Univ. of Michigan, Ann Arbor 48105
Mason Hale	U. S. National Museum, Wash. D.C. 20560
L. W. Hudson	USDA Plant Introduction Station, Washington State Univ., Pullman 99163
Edwin James	USDA National Seed Storage Lab., Colorado State Univ.
Boyd T. Jones	Northwest Regional Manager, Control Data Corp., 615 N. 1 <sup>st</sup> St. San Jose, Calif. 95112
Arnold Kluge	Zoology Museum, Univ. of Michigan, Ann Arbor 48105
<del>Jay Kopelman</del>	Office of Research Services, Univ. of Colorado
E. Rex Krueger	Computing Center, Univ. of Colorado
Askill Löve	Dept. of Biology, Univ. of Colorado
<del>Boris Löve</del>	Dept. of Biology, Univ. of Colorado
Robert A. MacDonald	American Horticultural Society Plant Records Center, John Tyler Hort. Soc., Lima, PA. 19060
John Marr	Institute of Arctic and Alpine Research, Univ. of Colorado
Paul Maslin	University Museum, Univ. of Colorado
William Mayer	Biological Sciences Curriculum Study, Univ. of Colorado
James Peters	U. S. National Museum, Wash. D.C. 20560
Dan Piacesi	U. S. National Museum, Wash. D.C. 20560
Ray Pitsker	Computing Center, Univ. of Colorado
John Reeder	Rocky Mountain Herbarium, Univ. of Wyoming, Laramie 82070
<del>Charlotte Reeder</del>	University of Wyoming, Laramie 82070
Lou Ann Roberts	Computer Center, Texas Tech. College, Lubbock 79409
<del>Peter Robinson</del>	University Museum, Univ. of Colorado
Hugo Rodeck	University Museum, Univ. of Colorado

## PARTICIPANTS

2.

Stanwyn Shetler U. S. National Museum, Wash. D.C. 20560  
 William E. Walden Computing Center, Washington State University, Pullman 99163  
 George Watson U. S. National Museum, Wash. D.C. 20560  
 William A. Weber University Museum, Univ. of Colorado  
 R. L. Williams Director of Medical Systems Marketing, Control Data Corp., 8100 37th Ave S  
 Elizabeth Zipf BioSciences Information Services of BioAbstracts, 2100 Arch St., 53110  
 Phila, Pa. 19013

## TAXIMETRICS LABORATORY

S. G. Appan Graduate Student. Interested in classification of Manihot (Euphorbiaceae)  
 R. C. Brill Computer Systems Analyst. Graduate student in botany.  
 H. M. Christensen Associate Mathematician  
 G. F. Estabrook Mathematician; mathematical models for biology  
 H. S. Fleming Biological Systematist, coordinator  
 G. N. Hersh Graduate Student in Econometrics and Systems Analysis  
 Genevra Metcalf Secretary  
 D. J. Rogers Project Leader, Taxonomist  
 J. W. Wong Programmer, graduate student in computer science

20 December 1968

Mr. R. L. Williams, Director  
Medical Systems Marketing  
Control Data Corporation  
8100 34th Avenue South  
Minneapolis, Minn. 55440

Dear Mr. Williams:

Thank you kindly for your letter of December 4. It is interesting to know that the University of Kansas is considering the development of a 6400 system. In this connection I know that Dr. Peter Neely of the Biology Department is much concerned with a data bank for a medical study. He was much interested in our description of TAXIR and because he sees a generality of value to him for his data (something to do with heart disease) he has decided to convert our program to a GE machine. Perhaps it would be worthwhile for you to contact him with respect to the installation there in Kansas of the 6400 system. Unfortunately we are not ourselves in a position to get next to a data bank directly out of some medical problem.

Thanks again for your letter. Best wishes for the holiday season.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

DEC 5 1968

CORPORATE HEADQUARTERS

8100 34TH AVENUE SOUTH, MINNEAPOLIS, MINNESOTA 55440 / 612-888-5555

**CONTROL DATA**  
CORPORATION

December 4, 1968

Professor David J. Rogers  
Taximetrics Laboratory  
Department of Biology  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

Dear Dr. Rogers:

I enjoyed the presentation of TAXIR and I think a software package like TAXIR could be made generally applicable to other medical systems. I have made this known to the University of Kansas people who are considering a medical systems 6400. I have also alerted our Corporate 6000/7000 Product Management Groups. I expect that next spring one of these people will want to take a closer look at TAXIR.

I think a TAXIR demonstration would be more effective in the medical area if someone would write a short demonstration using TAXIR for a medical subject, such as congenital heart diseases. I know the problem always is man-hours. Perhaps a medical student could get interested enough or a graduate student in a medically related field.

Thank you for your invitation and for being such a gracious host. The best of luck to you in all your projects and please have a very pleasant holiday season.

Sincerely,

CONTROL DATA CORPORATION

R. L. Williams, Director  
Medical Systems Marketing

RLW:lm

TAXIR Working Paper

Dec. 21, 1968

Dear Dr. Raven,

If you still have any available, I'd like a set of the mimeographed program descriptions you distributed in Octob. Also any new reprints you didn't have last winter - I'll order again for them.

LARRY MORSE  
DEPT. BOTANY MSU  
E. LANSING MI 48523

Larry Morse

DEC 26 1968  
mailed

<sup>c.</sup>  
Mr. Wm<sub>A</sub> Norris, Pres.

CDC 8100 34<sup>th</sup> Ave S.

Minneapolis  
55440

---

Mr. Boyd T. Jones <sup>Reg. Mgr.</sup>

675 N. 1<sup>st</sup> St.

San Jose, Calif.

95112

CDC Invitations

Univ. Mich -

Nelson<sup>F</sup> Hairsten, Doctor, Museum & Zoology  
U Mich Ann Arbor 48104  
W John Wagner - Dept Botany U Mich  
48105

Smithsonian Institution, Wash DC  
20560

✓ Mason Hale - Dept Botany

✓ Sid<sup>R</sup> Galler - Asst Sec. Sci  
US Nat Her

✓ Stan<sup>Wyn</sup> Shetter

✓ Dick Cowan

✓ Dr. James Peters

~~##~~ Our Hort Soc -

Richard A

✓ Dick Howard

Arnold Arboretum  
220. Varsity  
Ar. Camb  
Mass  
02138

✓ Russ<sup>sell</sup> Siebert

Longwood Gardens

Kennett Sq  
PA 19349

✓ David (Mr.) Leach

Hort Soc 15 Caldwell St Brookville PA 15825

McDonald  
Robert D  
John T  
111 W 57th St  
New York City  
10019

Rockefeller Foundation

111 W 57th St

New York City 10020

✓ Ralph<sup>W</sup> Richardson Jr

✓ Dr. <sup>El</sup> Wellhausen

9 minutes -  
u. mich

Hainston - + Deans + V.P.'s + Workers

~~Hale~~ Herb Wagner (Herpetology) 4

Smithsonian

Hale

Sil Haller

Sletten

Dick Cowan

Peters 5

AHS.

Dick Howard (bring McDonald?)

Rud Seibert

David Leach - 3

Rockefeller

Ralph Richardson

Welhausen + Gutierrez 2

NSF

Ed Weiss:

Bust

Boss & Ad Kinson

Systematics Progr. Ken Chamberlain

NSF Washington DC 20550

OSig ✓ ~~Ch.~~ Ed Weiss <sup>sp Agent</sup>

✓ ~~"~~ ~~D~~ ~~Burt~~ ~~A~~ ~~kinson~~  
Burton + Kinson

Pr. Div. ✓ ~~Ken~~ (Kenton) Chambers -  
Supt. ~~B~~

---

✓ No Bot Gard.  
Dave Gates

---

NY Bot Gard  
✓ Bill (W.E.) Steere  
✓ Howard Ivin

---

Univ. of Notre Dame, Notre Dame Ind 46556  
✓ Ted Crowell - Dept Biol

Bio Abstracts 2100 Arch St  
Phila Penna  
19013

✓ Phyllis Parkin

✓ Kenneth<sup>H</sup> Zahriskie Jr

---

USDA Plant Introduction Station

✓ Wash St. Univ. Pullman  
99163

Sam Diety - Johnson Hall

✓ C.F. Kal Konzak - Konzak  
CF

---

H. Collins 80521

USDA -

Natl. Seed Storage Lab. 169

✓ Ed. Jones -

---

Erbert S. Daniels

✓ Hunt Botanical Lib - Carnegie Mellon  
Pittsburgh Schenley Park

home - 795 - 2557

412 - 621 - 2600 - X550

C-M U

UK -

JG

Dept Zool

✓ D. Sheals - Br. Mus. (Nat. Hist.)  
Cromwell Rd London SW 7

✓ John Cutbill, - Cambridge Eng  
Dept Geol Sediments Mus  
Downing St

✓ Dr. Frank<sup>H</sup> Peirce -  
Nature Conservancy  
Peniles Wood Expt<sup>sh</sup>  
Hobbs Rptn  
Huntington Eng

The Am. Mus. - Natl History  
Cont Rk Wat 29th St  
NY 10024  
✓ Richard G Van Gelder  
Chr of Mammalogy

Locals -

Mus.

Rodak, Hasler, Welser -

Biol.

Löwe + Löwe

Comptr.

Krueger (sp.?) Pitzger

Geol -

Chronic -

Admin. - Wokstern, Manning, Britton.

NOV 20 1968



SMITHSONIAN INSTITUTION

Washington, D.C. 20560  
U.S.A.

November 15, 1968

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

Dear Dave:

Sorry I could not attend the TAXIR meeting. I heard that it went very well. I am anxious to read the working papers.

Sincerely yours,

*Sid*  
Sidney R. Galler  
Assistant Secretary  
(Science)

*P.S. when  
are you coming  
to Washington.  
We miss you!*

DAVID GOHEEN LEACH  
15 CALDWELL ST., BROOKVILLE PA. 15825



Feb. 23, 1969

Dear Dave Rogers:

Thank you for keeping me on your list of breathing bodies.

I had hoped to get out to Boulder for the demonstration of TAXIR. Dick Howard had asked me to be present, if I could, but in the end I had a face-down conflict of dates, with a heavy commitment in another direction.

I have just read—and I confess with embarrassment—all of the working papers which were given to those who attended the TAXIR demonstration. I was greatly impressed with the creative approach. After studying these papers carefully, I think I understand the concepts in general terms and the applications of TAXIR are much clearer than they were.

I just want you to know that I appreciate your sending these papers to me. I have benefitted greatly by reading them.

Sincerely,

*David G. Leach*

David G. Leach

Dr. David J. Rogers  
Taximetrics Laboratory  
Dept. of Biology  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

THE NEW YORK BOTANICAL GARDEN  
BRONX • NEW YORK 10458  212/933-9400

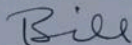
November 7, 1968

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

Dear Dave:

Thank you for sending me the copies of the working papers which were given to those participating in your recent conference and demonstration of TAXIR. I was at a meeting recently in the Smithsonian Institution to discuss the use of data processing and computer techniques for handling of information in museums, and one or two people there had been at your meeting and were much impressed by what they saw. I will spend an evening with this material, and may well come back to you with some questions. In any event, I hope that you will send me a copy of your published paper on this conference, as well as your publications in general. You know that I have a deep and abiding interest in this area of biology.

Sincerely yours,



William C. Steere  
Director

WCS/gd

# TAXI DEMO

## Museum

Hagg  Rodeck 207  
T Paul  Maslin 218  
Wm  Weber 216

Biology Hule 112

Lowry  
 DLoie

Computer - PSR Bldg 1

Krueger, E Rex

Pitzger, J. Ray

## Ecology

B John Chrome - Geol 227

## Administration

Wahlstrom, EE

Manning, T. E <sup>Wahlstrom</sup>

Bre Hin, Wesley - Crowe

Nature of activities

1. Social -

Call Krueger, Löve,  
ask Britton -  
cocktail party

2. Day 1 evening  
— gathering —

Day 2 - Morning -

Seminar - symposium  
Nature of activities -

Lunch - long -  
afternoon

Demonstration

2 - 3 P.M. - Computer Center

Receive questions  
+ answers -

Dinner -

## Purpose

1. questionnaire

1. When can you come

October

2nd or 3rd

MBG.

Gates

1

N.Y.BG.

Steer + Irwin.

2

Notre Dame

Ted Crowell.

1

Cutbill -

Sheels

Frank Perring -

3

Am. Museum

Van Gelder

1

Locals

Rodeck, Moslin + Weber

Löve + Löve

Krueger + Pitsger -

Chronic

Wahlstrom + Manning

Britton -

Cont. next page.

10

Bio Abstracts  
Phyllis Perkins  
Zabrischi -

2

---

CDC -  
President

1

---

USDA  
Sam Dietz  
Conzabo - ? ?

2

---

Locals again

Ed. ~~Walt~~ James. H Collins  
Call Frank - who in RUFES

2

19 AUG 68

DAVE:

YES, I WANT TO  
SEE TAXIZ IN ACTION.  
TALKED TO BOB BELL  
TH' OTHER DAY ABOUT  
IT - I'M CLEAR - SO  
SCHEDULE AWAY.

DOM

MOZE LATER

Richard H. Sost  
8807 Victoria Rd.  
Springfield Va 22151

For THOR demonstration

all demo material

Dr. Stuart R. Andrews

USDA Rocky Mt Forest Exp Sta  
CSU

Ft Collins, Colo

GROUPS FOR CONSOLE

V

Shetler  
Hale  
Hairston  
Peters  
Boughey  
Watson  
Cowan  
Piacesi

I

Austin  
Garnsey  
Hudson  
Jones  
Krueger  
Wahlstrom  
Williams

II

Daniels  
Kluge  
A. Löve  
Mayer  
Reeder  
Rodeck  
Zipf

III

Bridges  
Brown  
D. Love  
MacDonald  
Charlotte Reeder  
Weber

IV

Andrews  
Chronic  
James  
Marr  
Maslin  
Pitsker

MEMO TO: Don Smith and Operating Staff, Computing Center  
FROM: Dr. D. J. Rogers and Staff, Taximetrics Lab, Dept. of Biology  
SUBJECT: Appreciation  
DATE: 15 October 1968

Just a short note to say that we are most appreciative of your friendly cooperation. We know that our demonstration last week must have been somewhat of a strain on all concerned and your efforts in "keeping us up" were an integral part of making our demonstration a success.

Also, we would like to thank you for allowing us ten minutes on interactive mode yesterday. We know that it must have been a break from usual Monday morning operations.

Thanks again.

1 October 1968

MEMO TO: Dr. Rex Krueger, Director, Computer Center  
FROM: Dave Rogers, Taximetrics Lab, Armory 101, Phone X 6712  
SUBJECT: Arrangements for I, R demonstration, Tuesday, Oct. 8, 1968, 2-3 PM

We have the following points to be emphasized with regard to the demonstration. Some of these items are back-up arrangements, others absolute essentials, which if not taken care of, will shoot us down and cause considerable embarrassment. Here are the main items:

1. Have the console keyboard ready by 2 PM on Tuesday, Oct. 8. We will had deck across input counter at 1:40 PM.
2. Give us names and how to get in touch with the operators and dispatchers assigned for Tuesday afternoon, as we wish to brief them in advance. We want to be sure that all concerned are clued-in with the demonstration, as much for the benefit of the reputation of the center as for the visiting firemen.
3. No long decks put in the card reader between 1:40 PM and 3 PM. This is a back-up arrangement in case the console driver fails, which it has recently. We want a quick restart procedure, so that our programmer, John Wong, can run out and get things going again.
4. Please, no changes to the operating system between Thursday evening before our dress rehearsal and Tuesday after the demonstration. For obvious reasons!
5. Please have CE's standing by in case of machine failure. Since a couple of big shots from CDC will be in the audience, it could be embarrassing.
6. Tune up the printer. Several characters are out of line, which is hard on reading. For example, L comes out as  $\bar{L}$ , and Z comes out as  $\bar{Z}$ . Ray suggested we use the off-line 1401 printer, but since the character set on this machine is limited, and we use all the characters of the on-line printer, we can't go that route.

These are the items of primary concern. I'm sure you want the demonstration to ~~offe~~ off nicely as much as we do, and I think it will. Thanks for your and your staff's efforts.

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

September 27, 1968

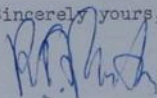
Dr. David Rogers  
Institute of Taximetrics  
University of Colorado  
Boulder, Colorado

Dear Dr. Rogers:

As a result of our telephone conversation yesterday, I have scheduled a stop in Denver on the return flight from the West Coast on 13-14 October. I will arrive in Denver late on the 13th and get a room near the point of origin of bus service to Boulder. This should allow me to get to your lab at a good hour on Monday morning--say 9 a.m.?

Please let me know if this will be a convenient time for you and your associates.

Sincerely yours,



Richard F. Johnston  
Program Director for  
Systematic Biology

1 October 1968

Dr. Richard F. Johnston  
Program Director for Systematic Biology  
National Science Foundation  
Washington, D. C. 20550

Dear Dr. Johnston:

We will be pleased to see you on Monday, the 14th of October. Give me a call when you arrive. My home phone is 447-1819; it's a local call on the metropolitan Denver exchange. The Brown Palace Hotel in downtown Denver adjoins the terminal for both airport limousine and the Denver-Boulder bus. (The University Avenue stop in Boulder is only two blocks west of the Armory.)

Sincerely yours,

David J. Rogers  
Professor of Biology

DJR:gm



THE UNIVERSITY OF KANSAS · LAWRENCE, KANSAS · 66044

DEPARTMENT OF ENTOMOLOGY · SNOW ENTOMOLOGICAL MUSEUM

September 23, 1968

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

Dear Dr. Rogers:

Many thanks for your letter of August 28. Unfortunately I will not be able to attend your demonstration on October 7th and 8th. Anyway, as you know, I am much more interested in the results of such methods as you have devised than in the methodology itself since I do not comprehend the latter.

I would like to attend, however, but unfortunately will not be able to get away.

Yours sincerely,

A handwritten signature in cursive script that reads "Charles D. Michener".

Charles D. Michener  
Watkins Professor of Entomology

CDM:jw

9 October 1968

Dr. E. Rex Krueger  
Computing Center  
El Rancho Hansen Motel  
East Campus

Dear Rex:

We all very much appreciate the fine and extensive assistance you gave us for the demonstration. Clearly, your efforts made it possible for us to demonstrate the facilities of TAXIR in the best possible way. Thank you very much and please extend my thanks to all of your staff.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

31 July 1968

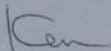
Dr. David J. Rogers  
Department of Biology  
University of Colorado  
Boulder, Colorado 80302

Dear Dave,

Thank you for the invitation to attend your planned demonstration of the TAXIR information retrieval system this coming October. As I am leaving the Foundation in a few weeks, it will be best if I leave your letter for the attention of my successor, Dr. Richard F. Johnston, who will be arriving about August 18, 1968. I will make sure it comes to his attention, and he can let you know if he will be able to attend. It is probable that if any meeting time is preferable to him, it would be early in October, rather than in the latter half of that month.

It was good to hear from you, and I hope the meeting goes well. It would be very educational if I could attend, but unfortunately I will be back in Corvallis by then.

Yours sincerely,



Kenton L. Chambers  
Program Director for  
Systematic Biology

*Dave**Comment on your draft re  
FNA is following in a separate  
letter. J*

J. H. SOPER



NATIONAL MUSEUMS OF CANADA - LES MUSÉES NATIONAUX DU CANADA

NATIONAL MUSEUM OF NATURAL SCIENCES  
LE MUSÉE NATIONAL DES SCIENCES NATURELLES  
OTTAWA

OUR FILE NO.  
NOTRE DOSSIER NO

AIRMAIL

September 20, 1968.

Dr. David J. Rogers,  
Professor of Biology,  
Taximetrics Laboratory,  
Dept. of Biology,  
University of Colorado,  
Boulder, Colorado 80302,  
U.S.A.

Dear Dave:

In reply to your letter of September 6th inviting me to attend your demonstration of TAXIR, I have discussed the details with the Director and discovered that the balance in the Botany travel budget is not as large as I had believed. There is a prior commitment to visit the U.K. and the Director has indicated that if I travel to Colorado it may prejudice my opportunities for other travel during the current fiscal year. Thus it has been a difficult decision for me to make but, under the circumstances, I feel I will have to decline your invitation with sincere regrets.

Naturally this is a disappointment to me as I am sure that I would learn a great deal by seeing your program in operation and discussing problems of mutual interest. I can only hope that it will be possible to see it at some later date, for example, en route to or from the XI International Botanical Congress next year.

In the meantime I would appreciate being kept informed of progress on your program through publications and any mimeographed material you may distribute at your forthcoming demonstration.

Yours sincerely,

James H. Soper,  
Chief Botanist.

JHS/11

SEP 20 1968

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
ENTOMOLOGY RESEARCH DIVISION  
BELTSVILLE, MARYLAND 20705

September 18, 1968

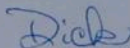
Dr. David J. Rogers  
Taximetrics Laboratory, Biology  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

Dear Dave:

Thank you for your warm invitation to be present at your demonstration on October 7th and 8th. Unfortunately I shall not be able to attend because of my USDA commitments. I shall certainly take the occasion to pick the brains of everyone who made the trip to keep informed about your very interesting project.

It is barely possible that I shall be in the vicinity of Boulder sometime during the coming year in which case I shall not hesitate to let you know that I would like to visit your operation.

Most sincerely,



Richard H. Foote, Assistant Chief  
Insect Identification and Parasite  
Introduction Research Branch

SEP 20 1968

THE NEW YORK BOTANICAL GARDEN  
BRONX • NEW YORK 10458  212/933-9400

September 17, 1968

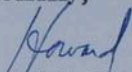
Dr. David J. Rogers  
Department of Botany  
University of Colorado  
Boulder, Colorado 80302

Dear Dave:

I have your announcement of the Taxir demonstration, but regret that I will be unable to attend. On that date, October 8, I am slated to give a talk to the Board of Managers and then go on to a fund raising event later that day where again I am down to expound. Too bad, for I very much wanted to get caught up on what you're doing. If you have any printed material that would give a clue, I'd appreciate it, knowing full well that a face-to-face discussion and in-person demonstration is infinitely better.

Best of luck, Dave, and I do hope I'll be able to see you next summer, if not sooner.

Cordially,

  
Howard S. Irwin  
Head Curator

HSI:mi

COMPUTER CENTER  
TEXAS TECHNOLOGICAL COLLEGE  
LUBBOCK, TEXAS 79409

806  
742-1201

September 19, 1968

Dr. David J. Rogers  
Taximetrics Lab  
Department of Biology  
University of Colorado  
Boulder, Colorado 80302

Dear Dr. Rogers:

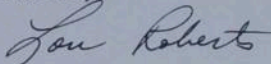
Perhaps you recall my paper on "The Future Taxonomic Bank" at the symposium in Mexico City. I have since that time continued to work with the idea and am in the process of submitting a proposal to N. S. F.

Although I have some acquaintance with your project from the meetings, I have only a vague conception of its goal and no knowledge of specific projects other than those of Brill and yourself. I think it is extremely important that our project compliments, rather than duplicates, your own and would therefore very much welcome a chance to discuss the two projects with you.

Specifically, our proposal covers a computer-assisted revision of the mesostigmatid mites and a feasibility study allowing further design and consideration of the taxonomic bank. I would like to know if you have developed any methods for storing information which might be of particular value to us in our project, what you have substituted for XPOP, and the extent to which you are concentrating on information related to herbarium or museum specimens.

If it would be more convenient for you to discuss this by phone, please drop me a card. A call on the WATS line would allow a reasonable length of conversation. I will be pleased to hear from you.

Sincerely,



Dr Lou Ann Roberts  
Research Associate

LAR:dc

(Mrs. Proctor)

UNIVERSITY OF CALIFORNIA, IRVINE

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

DIVISION OF BIOLOGICAL SCIENCES  
DEPARTMENT OF POPULATION AND  
ENVIRONMENTAL BIOLOGY  
IRVINE, CALIFORNIA 92664

September 23, 1968

Dr. D. J. Rogers  
University of Colorado  
Taximetrics Laboratory  
Department of Biology  
Armory 101  
Boulder, Colorado 80302

Dear Dr. Rogers:

I have enclosed a copy of the write-up of the automated key which you heard me describe at the Kansas numerical taxonomy conference last year. This key, as you will be well aware, has information retrieval possibilities which range far beyond the immediate deterministic function.

On my return from Europe I found we had been temporarily wiped off our system, because our Computer Facility has installed larger disc packs. However, we shall soon be in business again, and I am looking forward to having a lot of fun with the further development of this program.

From various sources, I hear that you are having a demonstration of your programs in Boulder this October. Is there any possibility of getting an invitation to this for myself and a graduate student particularly concerned with information retrieval techniques. During my summer travels I ran into a number of people with whom you are collaborating, and I am sure that it would be most enlightening to have an opportunity to see your programs at first hand.

Best wishes.

Yours sincerely,

A handwritten signature in cursive script, appearing to read "Arthur S. Boughey".

Arthur S. Boughey, Chairman

ASB:ss

Enclosure

TO Professor D. Rogers  
FROM T. E. Manning  
SUBJECT \_\_\_\_\_  
DATE 9/13/68

UNIVERSITY OF COLORADO

*Interdepartmental  
Memorandum*

Many thanks for the information on the TAXIR demonstration. Unfortunately there is a meeting of UCAR institutional representatives at the same time, and I am obligated to go to it. I hope others (more closely associated with the system) don't have similar troubles, and that the attendance is good.

I've tried to call you a couple of times to give you this information, but we haven't had good luck in being available simultaneously.

*T.E.M.*

UNIVERSITY OF COLORADO  
BOULDER, COLORADO 80302

TAXIMETRICS LABORATORY  
DEPARTMENT OF BIOLOGY  
ARMORY 101

PHONE: 303-443-2211  
Ext. 6712

25 July 1968

We invite you herewith to a demonstration of TAXIR, our newly developed biological information retrieval system. We are inviting you and a number of others because of your demonstrated interest in our work, and so that you may determine for yourselves the potentialities of the system for your applications.

The demonstration will be in three phases:

1. A description of the nature and power of the TAXIR information retrieval system. It is intended that this discussion be directed to professional biologists. Technical considerations of computer programming will not be made.
2. A demonstration on the CDC 6400 of the TAXIR system in operation on a biological data bank consisting of data on specimens of the genus Manihot. Any queries you wish to put to the system will be fed to the machine.
3. A question-answer session where we can give individual consideration to your specific application.

*Insert A*  
Enclosed are (1) a questionnaire designed to discover the best time to hold the demonstration, and (2) a preliminary schedule of events. We hope that some two-day period during the 2nd and 3rd week in October will be convenient for you. Please fill in the enclosed questionnaire immediately and return to me. A subsequent letter will tell you which dates have been chosen to accommodate the largest number of you, and what the other arrangements will be.

We look forward to seeing you.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

29 August 1968

Memo to: Morris Garnsey  
From: David J. Rogers

Dear Morris:

We hope that you will be able to set aside the days of October 7 and 8 to join us for the demonstration of the information retrieval system. Actually we will begin the activities on the 7th, Monday, evening, at 8:00 o'clock with an informal gathering at my house; the intent of this gathering is merely to get acquainted with the people who will be here and not to put on any formal part of the demonstration. That begins the next morning at 9:00 A.M. and we will continue all day long, finishing up with a dinner at 6:00 P.M.

I hope that this will be instructive to you although we will pitch most of our talk to actual biological users of the system. Let me know if it is possible for you to attend.

Sincerely.

29 August 1968

Dr. Richard A. Howard  
Arnold Arboretum  
22 Divinity Avenue  
Cambridge, Mass. 02138

Dear Dick:

I know that you have been extremely busy since your return from Europe and I hope that you will not mind too much that we have had to go ahead and establish dates for the demonstration of our information retrieval system. A sufficient number of people have responded and tell us that the dates of October 7 and 8, Monday and Tuesday, are satisfactory for the demonstration. On that basis we have established those days to actually carry out the demonstration.

I do hope you can join us because I think the best understandings can be had by actually seeing the program working. As we indicated earlier this demonstration is oriented specifically for the working biologist and not for the computernik. It is therefore couched in language which will be meaningful to you.

We do hope you can join us, and do let me know soon if you can. Other information will be forthcoming as we develop it.

Sincerely yours,

David J. Rogers  
Professor of Biology

DJR:gm

28 August 1968

Dr. Edwin J. Wellhausen  
International Maize and Wheat Improvement Center  
Londres 40 3er piso  
Mexico 6, D. F.

Dear Dr. Wellhausen:

We have pretty well firmed up the dates of October 7 and 8, Monday and Tuesday, for the demonstration of our Information Retrieval System. We are sorry that we didn't have your reply before we made the choice of dates, but we hope that you will plantto attend. I think that we do have something valuable to offer you and your staff for use in the germ-plasm banks, and hope that we can have the pleasure of demonstrating it to you. If you came to bring someone along with you, please feel free to do so.

We will shortly send out details about travel to Boulder, motel accomodations, etc.

Looking forward to hearing from you.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

28 August 1968

Dr. C. D. Michener  
Department of Entomology  
University of Kansas  
Lawrence, Kansas 66044

Dear Dr. Michener:

We invite you herewith to a demonstration of TAXIR, our newly developed biological information retrieval system. We are inviting you and a number of others because of your demonstrated interest in our work, and so that you may determine for yourselves the potentialities of the system for your applications.

The demonstration will be in three phases:

1. A description of the nature and power of the TAXIR information retrieval system. It is intended that this discussion be directed to professional biologists. Technical considerations of computer programming will not be made.

2. A demonstration on the CDC 6400 of the TAXIR system in operation on a biological data bank consisting of data on specimens of the genus *Manihot*. Any queries you wish to put to the system will be fed to the machine.

3. A question-answer session where we can give individual consideration to your specific application.

We have chosen the dates of October 7 and 8, Monday and Tuesday, as a most convenient date, and hope that you are free to join us then. A preliminary schedule of events is as follows:

Monday: Gather at 8 P.M. for informal get-acquainted session.

Tuesday: Seminar (explanation of the system): 9 - 12 AM

Lunch: 12 - 1:30 PM

Computer Demonstration: 2 - 3 PM

Question and Answer: 3 - 5 PM

Informal Dinner and Evening Discussion: 6 PM -

Please let me know if you can attend, and further details of the program, routes to Boulder, and other arrangements will be forthcoming shortly.

Sincerely,

David J. Rogers  
Professor of Biology

23 July 1968

Dr. Ralph W. Richardson, Jr.  
The Rockefeller Foundation  
111 West 50th Street  
New York, N. Y. 10020

Dear Ralph:

We invite you herewith to a demonstration of TAXIR, our newly developed biological information retrieval system. We are inviting you and a number of others because of your demonstrated interest in our work, and so that you may determine for yourselves the potentialities of the system for your applications. We are also inviting Dr. Wellhausen.

The demonstration will be in three phases:

1. A description of the nature and power of the TAXIR information retrieval system. It is intended that this discussion be directed to professional biologists. Technical considerations of computer programming will not be made.
2. A demonstration on the CDC 6400 of the TAXIR system in operation on a biological data bank consisting of data on specimens of the genus *Manihot*. Any queries you wish to put to the system will be fed to the machine.
3. A question-answer session where we can give individual consideration to your specific application.

Enclosed are (1) a questionnaire designed to discover the best time to hold the demonstration, and (2) a preliminary schedule of events. We hope that some two-day period during the 2nd or 3rd week of October will be convenient for you. Please fill in the enclosed questionnaire immediately and return to me. A subsequent letter will tell you which dates have been chosen to accommodate the largest number of you, tell you of housing arrangements, routes to Boulder, and other logistics information.

We look forward to seeing you.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

2 August 1968

Dr. Nelson G. Hairston  
Museum of Zoology  
University of Michigan  
Ann Arbor, Michigan 48104

Dear Nelson:

Thank you for your prompt response.

I am writing at this time because I am not sure whether we extended to you the option of also inviting other interested members of your institution. For instance you mentioned a vice-president while you were here, and if you are still considering herpetology as the likely department for a pilot effort, you might like someone from that group to attend. If you do, just drop us a line with the names, (and dates if they are different from yours).

Dave is off to Florida for a couple of weeks (not the convention).

Sincerely,

Henry S. Fleming

ESF:gm

als  
Mr. Boyd T. Jones, Regional Manager  
675 N. 1st Street  
San Jose, Calif. 95112

29 July 1968

Mr. William C. Norris, President, CDC  
8100 34th Avenue, South  
Minneapolis, Minn. 55420

Dear Mr. Norris:

We would like to invite you to a demonstration of ~~T&XIR~~<sup>XIR</sup>,  
an infor-  
mation retrieval system for biological data. We have developed the system  
to run on the CDC 6400 at the University of Colorado, supported by a grant  
from the National Science Foundation. We anticipate that we will have a  
small number (30 - 40) potential users of our system here for the demon-  
stration. We are also ~~inviting~~ Mr. Boyd T. Jones, western regional manager  
for CDC.

The potential users are directors, or curators, of large collections  
of biological materials in such institutions as the Smithsonian Institution,  
the University of Michigan, Harvard University, the New York Botanical  
Garden, etc. Some representatives from the United States Department of  
Agriculture are also included, as well as the agricultural officers of the  
Rockefeller Foundation.

The demonstration is to consist of three parts, as follows:

1. A description of the nature and power of the TAXIR information  
retrieval system. It is intended that this discussion be directed to  
professional biologists. Technical considerations of computer programming  
will not be made.
2. A demonstration on the CDC 6400 of the TAXIR system in operation  
on a biological data bank consisting of data on specimens of the genus  
Manihot. Any queries you wish to put to the system will be fed to the machine.
3. A question-answer session where we can give individual consideration  
to specific applications.

The technical computing and machine aspects of the program will not be  
stressed at the meeting, but we would be glad to answer any questions you  
may have concerning software aspects of the TAXIR system. The team that has  
developed this system is composed of biologists, mathematicians and programmers.  
We have been at work in this type of effort for the past seven years. The  
initial efforts of this group were made at the New York Botanical Garden,  
where we also used CDC computers, both at New York University and at your  
service bureau at Great Neck, Long Island.

We are enclosing a questionnaire which indicates the possible times for holding this demonstration. If it is not possible for you to attend, you may care to designate another individual from CDC who may be interested in the system.

Please return the questionnaire indicating your interest in attending.

Sincerely,

David J. Rogers

DJR:gm

23 July 1968

Dr. Ralph W. Richardson, Jr.  
The Rockefeller Foundation  
111 West 50th Street  
New York, N. Y. 10020

Dear Ralph:

We invite you herewith to a demonstration of TAXIR, our newly developed biological information retrieval system. We are inviting you and a number of others because of your demonstrated interest in our work, and so that you may determine for yourselves the potentialities of the system for your applications. We are also inviting Dr. Wellhausen.

The demonstration will be in three phases:

1. A description of the nature and power of the TAXIR information retrieval system. It is intended that this discussion be directed to professional biologists. Technical considerations of computer programming will not be made.
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3. A question-answer session where we can give individual consideration to your specific application.

Enclosed are (1) a questionnaire designed to discover the best time to hold the demonstration, and (2) a preliminary schedule of events. We hope that some two-day period during the 2nd or 3rd week of October will be convenient for you. Please fill in the enclosed questionnaire immediately and return to me. A subsequent letter will tell you which dates have been chosen to accommodate the largest number of you, tell you of housing arrangements, routes to Boulder, and other logistics information.

We look forward to seeing you.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE

REGIONAL PLANT INTRODUCTION STATION  
WASHINGTON STATE UNIVERSITY  
JOHNSON HALL 59  
PULLMAN, WASHINGTON 99163

October 2, 1968

Taximetrics Lab., Biology  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

Dear Sir:

RE: Seminar and Demonstration of TAXIR

I wish to make a change in room accommodations for Mr. Leland W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington. He previously requested a double room for the night of October 6 and a single for the nights of October 7&8. He now finds he will only require accommodations for the night of October 6. I would therefore like to cancel his reservation for the nights of October 7&8. He will also be unable to provide seats in a rental car as indicated on his accommodations form.

Sincerely,

*Marge Estelle*

Marge Estelle  
Secretary



THE ARNOLD ARBORETUM of HARVARD UNIVERSITY  
THE ARBORWAY · JAMAICA PLAIN · MASSACHUSETTS 02130 · U. S. A.

OFFICE OF THE DIRECTOR

September 10, 1968

Dr. David J. Rogers  
University of Colorado  
Boulder, Colorado 80302

Dear Dave:

I hope your departure from Columbus was easier than mine. I allowed two hours to get to the airport and only by stopping a taxi at the Towers did I squeak aboard the plane. Anyway, the meetings were the usual pleasures of seeing people and the pains of tired limbs from sidewalks, hard seats and short beds. It was good to see you but I am sorry to report I cannot attend the session you have scheduled for the eighth of October. I am the speaker at a luncheon on that date and no substitute is possible under this particular circumstance. You'll have to count on MacDonald representing the AHS although I'll speak again to David Leach when I see him this week.

Sincerely,

Richard A. Howard  
Director

RAH/mp

Longwood  
Gardens

Kennett Square Pennsylvania, 19348

Russell J. Seibert, Director

August 13, 1968

Dr. David Rogers  
Professor of Biology  
Taximetrics Laboratory  
Department of Biology  
Armory 101  
University of Colorado  
Boulder, Colo. 80302

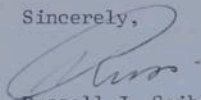
Dear Dave:

As much as I would like to attend your demonstration of the Taxir System, I feel that everyone's interests concerned here would be best served if I designated an alternate and pass on the invitation to:

Mr. Richard Brown, Graduate Student  
Longwood Program  
University of Delaware  
College of Agricultural Sciences  
Newark, Delaware 19711

As far as I know, any of the alternative dates you have listed will be suitable to Mr. Brown, from whom you will be hearing further.

Sincerely,



Russell J. Seibert  
Director

RJS:P

cc: R. W. Lighty  
R. Brown

THE UNIVERSITY OF MICHIGAN  
ANN ARBOR, MICHIGAN, U. S. A. 48104

MUSEUM OF ZOOLOGY

August 13, 1968

Dr. Henry S. Fleming  
Taximetrics Laboratory  
Department of Biology  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

Dear Henry:

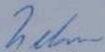
I am sorry for the delay in answering your letter of August 2, but I wanted to get a ruling from an absent dean about bringing Arnold Kluge on administrative travel, rather than having him use his "meeting" trip for the year. Present indications are favorable, and he is sending the spare form to you.

Arnold is Curator of Reptiles and Amphibians here, and is also the staff member who is most interested in the kind of thing you all are doing.

We would appreciate having the final decision on dates as soon as possible.

Best regards.

Yours sincerely,

  
Nelson G. Hairston  
Director

NGH/dbh



THE UNIVERSITY OF KANSAS · LAWRENCE, KANSAS · 66044

DEPARTMENT OF ENTOMOLOGY · SNOW ENTOMOLOGICAL MUSEUM

August 9, 1968

Doctor Henry Fleming  
Department of Biology  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

Dear Henry:

Thank you for your note of 6 August.

Unfortunately, I will be unable to attend the TAXIR demonstration. Notre Dame will pay for one meeting per year and I want to go to the NT conference. So I guess that I will have to rely on George to give me a concentrated session after the formal close of the NT meeting.

I hope everything goes well at the TAXIR demonstration.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ted".

Theodore J. Crovello  
Research Associate

TJC:mm

6 August 1968

Dr. Theodore J. Crovello  
Department of Entomology - Snow Museum  
The University of Kansas  
Lawrence, Kansas 66044

Dear Ted:

I am very sorry but we have no travel funds available. However, other institutions are funding their respective attendees because of the pertinence to museums, etc. of information retrieval. Have you tried your own institution?

It would be impractical to try to squeeze the demonstration in during the NT conference. However, if you wish to stay over a couple of days, George Estzhook will try to give you a concentrated session.

I suggest you wait on your Greene Herbarium data until you see us. We will have live data made up from the genus Manihot (Euphorbiaceae) for which we have the world collection here and are in the process of monographing.

Hope you can find a way to make the demonstration. There should be a very broad airing of maseum and biological aspects of information retrieval.

Sincerely,

Henry S. Fleming

HSP:gm



THE UNIVERSITY OF KANSAS · LAWRENCE, KANSAS · 66044

DEPARTMENT OF ENTOMOLOGY · SNOW ENTOMOLOGICAL MUSEUM

August 1, 1968

Doctor David J. Rogers  
Department of Biology  
Armory 101  
Boulder, Colorado 80302

Dear Dave:

Thanks for your letter of 22 July.

I would love to see a demonstration of the TAXIR system. Several points should be clarified, however. Most important, will you be paying my expenses? Otherwise I know that I will be unable to attend. Also, would it be more efficient to have this just prior to, or the day after the NT conference, which I assume is still on? If not, and you are not planning to discuss TAXIR at the conference, I am still interested in coming in October.

If you like, I could generate an upper lower case paper tape of some Greene Herbarium data which you could use as a "real" example. If you cannot accomodate paper tape and the two cases, I can send you a card deck when I return to Notre Dame in September.

Best wishes and thanks for the invitation. I look forward to seeing you.

Sincerely,

Theodore J. Crovello  
Research Associate

TJC:rum

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE

CROPS RESEARCH DIVISION  
FORT COLLINS, COLORADO 80521

NATIONAL SEED STORAGE LABORATORY

August 7, 1968

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

Dear Dr. Rogers:

I have contacted my Branch Headquarters in regard to attending your demonstration on retrieval of information of Manihot. They feel that there would be very little application to my work here and have declined to approve attendance at the meeting. It may be, however, that if you will advise me later as to the dates finally selected I can arrange to drive over the second day of the meeting.

Sincerely yours,



Edwin James  
Head of Laboratory



NATURAL ENVIRONMENT  
RESEARCH COUNCIL

MONKS WOOD EXPERIMENTAL STATION

THE NATURE CONSERVANCY  
ABBOTS RIPTON, HUNTINGDON  
Director: K. MELLANBY, C.B.E., Sc.D., F.I.BIOL.

Telephone  
Abbots Ripton 308, 340

BIOLOGICAL RECORDS CENTRE

1st August, 1968

F. H. PERRING, M.A., PH.D., F.L.S.

D.J. Rogers Esq.,  
Taximetrics Laboratory,  
Department of Biology,  
Armory 101,  
University of Colorado,  
Boulder,  
Colorado 80302.

Dear Dave,

Thanks for your invitation of 22nd July. Of course I would love an opportunity of coming to Colorado and seeing your demonstration and I have tentatively filled in the form, but as the chances of getting any money here are nil and I suppose that you are not proposing to pay my air fare there and back, I suspect that the completion of the form is a purely academic exercise.

I have a year off in 1970 which I hope to spend in North America so, who knows, maybe I shall be able to go to Colorado and see your system when it has been working solidly for two years.

Yours sincerely,

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

August 1, 1968

Dr. David Rogers  
University of Colorado  
Boulder, Colorado 80304

Dear Dave:

I have returned the form indicating the acceptable dates of our visit to you, and I can report real interest in it. Personally, I am looking forward to it with real anticipation. I have had a couple of thoughts about the composition of our party that I'd like to advance for your consideration.

Although Don Squires has now left us, he continues on a special appointment as principal investigator on the HEW contract we have and as a special advisor on this subject to me. If he has not been invited to join us for this visit, would it be possible to do so? If he could not make it, would you accept either Dr. Manning or Dr. Watson (chairmen of Invertebrate and Vertebrate Zoology, respectively) who act for him in administering the contract in his absence? Or perhaps one of them could come anyhow?

Also, I would like to have Nick Suszynski accompany us as a technical adviser. I think he would be most helpful, if you would be willing to accept him for this meeting. If you wish, I'll ask him about his availability on the proposed dates; I have not yet spoken with him.

It will be good to see the results of your labors, and I hope to to hear from you soon. With very best regards.

Sincerely yours,



Richard S. Cowan  
Director  
Museum of Natural History

6 August 1968

Dr. Richard S. Cowan  
Museum of Natural History  
Smithsonian Institution - USNM  
Washington, D. C. 20560

Dear Dick:

By all means invite Drs. Manning and Watson. I am enclosing forms for them to fill out. They have some idea of what we are doing as a result of our conversations last year. Drs. Hale, Peters and Shetler have already accepted.

We have not invited Nick Suszynski because we have selected the invitees solely on the basis of their being biologists with an information retrieval problem. With only a couple of exceptions such as Peters they only have an academic interest, if that much, in computer technicalities. We will at some future date have a session for the Computernics.

We have been keeping Don informed about our activities and have not extended an invitation to him at this time, because at this time he is not directly concerned with information retrieval at Stony Brook, and is very likely occupied with the logistics of settling himself in.

We have also been trying to keep the group as small as possible so that a really meaningful exchange can be attained. However, if for your institution you feel the necessity of having Don, bring him along with you.

Dave is in Florida for a couple of weeks (not at the convention but looking at Manihot). Give my best to John Wurdack.

Sincerely,

Henry S. Fleming

HSF:gm



SMITHSONIAN INSTITUTION

*Washington, D.C. 20560  
U.S.A.*

August 1, 1968

Dr. David J. Rogers  
Professor of Biology  
Taximetrics Laboratory  
Department of Biology  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

Dear Dave:

I was delighted to learn in your letter of July 22, 1968, that your biological information retrieval system has been developed to the point of demonstration. You are certainly to be congratulated in taking the first steps toward this development back before it became recognized as a key function in the advancement of integrated systems in general and taxonomy in particular.

I would like very much to be able to attend, but I regret to say that it will be impossible for me to come in October. I am very pleased, on the other hand, to see that you have asked several of our science faculty with special interest in these areas, and I hope they will be able to attend and participate.

Sincerely yours,

Sidney R. Galler  
Assistant Secretary  
(Science)

DEPARTMENT OF GEOLOGY  
UNIVERSITY OF CAMBRIDGE

TELEPHONE 51583-7

SEDGWICK MUSEUM  
CAMBRIDGE

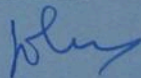
29th July, 1968

Professor David J. Rogers,  
Department of Biology,  
University of Colorado,  
Boulder,  
Colorado, 80302  
U. S. A.

Dear Dave,

I am glad to hear that you have reached the demonstration stage. I regret I won't be able to make it in October, but hope to get over some other time.

Yours sincerely,



J.L. CUTBILL

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

1 August 1968

AIR MAIL

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

Dear Dave:

On behalf of Mason Hale and myself, let me respond to your invitation of 22 July by saying that we will be pleased to attend the demonstration of TAXIR that you plan for October. Mason is away just now, but I have spoken with him by phone and have marked his questionnaire accordingly. The one date that will be out for all of us at the Smithsonian, whether the other respondents have realized this or not, is 10-11 October, because the Biological Society of Washington will be holding a symposium at that time, including Dick Cowan as a speaker. As you will see on my questionnaire, several other dates are out for me also, but I hope enough are left to make the selection of a generally acceptable date possible.

We will look forward to hearing from you on the definite plans.

Best regards.

Sincerely,



Stanwyn G. Shetler  
Associate Curator

Enclosure

AUG 2 1968

The Rockefeller Foundation

111 WEST 50th STREET, NEW YORK, N. Y. 10020

AGRICULTURAL SCIENCES

CABLE: ROCKFOUND, NEW YORK  
TELEPHONE: COLUMBUS 5-8100

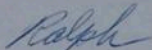
July 31, 1968

Dear Dave:

In reply to your July 23 letter and the attached form relating to the demonstration of TAXIR I regret to advise that it does not appear possible for anyone from this office to attend. The month of October will be an active one for officers here in New York. We do hope, however, that Dr. Wellhausen to whom you have also extended an invitation will be able to attend in line with his earlier expressed keen interest in your information retrieval system.

I hope you have a very successful meeting, Dave, and that considerable interest is generated on the part of biologists.

Sincerely yours,



R. W. Richardson, Jr.  
Associate Director

Dr. David J. Rogers  
Professor of Biology  
Taximetrics Laboratory  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

RWR:emw

AUG 1 1968

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

Office of Science Information Service

July 29, 1968

VIA AIR MAIL

Professor David J. Rogers  
Taximetrics Laboratory  
Department of Biology  
Armory 101  
University of Colorado  
Boulder, Colorado 80302

Dear Dave:

Thank you for the invitations you extended to Dr. Adkinson and myself to attend the TAXIR demonstration. Dr. Adkinson, unfortunately, already has rather heavy commitments during October and will be unable to attend. I have suggested Mr. Tom Galloway as my alternate. Because of his technical background, his review and comments will be useful not only to this Program but to other people in the Foundation as well.

I wish you every success during the demonstration and I shall be most eagerly awaiting the results.

Sincerely,

*Edward C. Weiss*

Edward C. Weiss  
Program Director  
Special Projects Program

Enclosure

THE NEW YORK BOTANICAL GARDEN  
BRONX • NEW YORK 10458  212/933-9400

July 30, 1968

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

Dear Dave:

Thank you for your letter of July 22 and for inviting me to attend the demonstration of your newly developed biological information retrieval system, TAXIR. Although I would enjoy enormously attending the meeting, I regret that it would be better for me not to try to do so. I shall be away all during September with a group going to South Africa to look at the spring flowering deserts, and will have an enormous amount of catching up to do during October, when everything starts up anyway.

I base my decision also on the fact that Howard Irwin is a more appropriate person to go, since he already knows what you are doing and will undoubtedly derive more benefit from it.

I hope that you will invite people like Bob Gordon of Notre Dame University, someone from Biological Abstracts, someone from the Smithsonian group, as well as other biologists who already have some understanding of biological information retrieval systems, but who can see how much farther and deeper you have gone than they have.

My warmest and best wishes to you for a successful and rewarding meeting.

Sincerely yours,



William C. Steere  
Director

WCS/gd

cc: Dr. Howard Irwin

AUG 8 1968

CORPORATE HEADQUARTERS

8100 34TH AVENUE SOUTH, MINNEAPOLIS, MINNESOTA 55440 / 612-888-5555 / TWX 910-576-2978

**CONTROL DATA**  
CORPORATION

August 5, 1968

Mr. David J. Rogers  
UNIVERSITY OF COLORADO  
Taximetrics Laboratory  
Department of Biology  
Armory 101  
Boulder, Colorado 80302

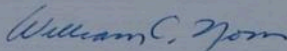
Dear Mr. Rogers:

Thank you for your letter of 29 July. Your invitation to participate in the TAXIR demonstration is appreciated.

We are very interested in your program. I will be unable to attend but am asking Mr. R. L. Williams, Director of Medical Systems Marketing, to participate in my behalf. His enrollment questionnaire form is attached.

Sincerely yours,

CONTROL DATA CORPORATION



William C. Norris  
President

mh  
cc: Mr. R. L. Williams  
Mr. B. T. Jones,  
Manager, Western Region

encl.

SCHEDULE OF EVENTS

FOR DEMONSTRATION OF TAXIR SYSTEM

Day 1: Gather at 8 PM for informal get-acquainted session.

Day 2: Seminar (explanation of the system): 9 - 12 AM

Lunch: 12 - 1:30 PM

Computer Demonstration: 2 - 3 PM

Question and Answer: 3 - 5 PM

Informal Dinner and Evening Discussion: 6 PM - -

QUESTIONNAIRE

Name R. L. Williams Organization CONTROL DATA CORPORATION  
Director of Medical Systems Marketing

Please check each of the following two-day periods with a

- ① if you can attend during this two-day period,  
② if you can attend, but with some inconvenience,  
③ if you cannot attend.

Oct. 7-8 \_\_\_\_\_

Oct. 14-15 \_\_\_\_\_

Oct. 8-9 \_\_\_\_\_

Oct. 15-16 \_\_\_\_\_

Oct. 9-10 \_\_\_\_\_

Oct. 16-17 \_\_\_\_\_

Oct. 10-11 \_\_\_\_\_

Oct. 17-18 \_\_\_\_\_

Any of the dates listed will be acceptable.

If you cannot attend at all, would you please suggest an alternate and pass our invitation on to him.

Return to:

David J. Rogers  
Taximetrics Lab., Dept. of Biology  
Armory 101  
University of Colorado  
Boulder, Colo. 80302

**CONTROL DATA**  
CORPORATION

August 9, 1968

Mr. David J. Rogers  
University of Colorado  
Taximetrics Laboratory  
Department of Biology  
Armory 101  
Boulder, Colorado 80302

Dear Mr. Rogers:

Thank you for your letter of July 29. Your invitation to participate in the TAXIR demonstration is appreciated.

I am interested in your program and will be able to attend. Attached is my enrollment questionnaire form.

Very truly yours,

CONTROL DATA CORPORATION

B T Jones  
Northwest Regional Manager

BTJ:nph

Att.

cc: E F Mobbs

## QUESTIONNAIRE

Name B T Jones Organization Control Data Corporation

Please check each of the following two-day periods with a

- ① if you can attend during this two-day period,  
 ② if you can attend, but with some inconvenience,  
 ③ if you cannot attend.

Oct. 7-8	<u>1</u>	Oct. 14-15	<u>1</u>
Oct. 8-9	<u>2</u>	Oct. 15-16	<u>2</u>
Oct. 9-10	<u>2</u>	Oct. 16-17	<u>2</u>
Oct. 10-11	<u>1</u>	Oct. 17-18	<u>1</u>

If you cannot attend at all, would you please suggest an alternate and pass our invitation on to him.

Return to:

David J. Rogers  
 Taximetrics Lab., Dept. of Biology  
 Armory 101  
 University of Colorado  
 Boulder, Colo. 80302

RECEIVED

NOV 1 1969

RECEIVED

26 September 1968

Dr. Elizabeth M. Zipf  
Biosciences Information Service  
2100 Arch Street  
Philadelphia, Penna. 19103

Dear Betty:

Glad you're coming to our demonstration. Please give me your flight information - it probably will be best to fill out the enclosed form.

We will reserve a room for you at the Harvest House, Boulder. If you want to come from Denver with someone else also attending, there is a good chance that you can find someone arriving about the same time. We'll have a representative at the airport to meet your flight.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

26 September 1968

Dean William E. Briggs  
Hellems 102  
Boulder Campus

Dear Bill:

I would like to invite you to come to a demonstration of our computerized biological information retrieval system on October 7 and 8. Some forty interested scientists, about half of whom are from the University have been invited and expect to attend. The outside participants are biologists and computer specialists from various institutions in the country. The schedule of activities is as follows:

October 7, 8:00 P.M. Informal gathering at Mountain Shadows  
Club House  
October 8, 9:00 A.M. Seminar at Computing Center, Room 375A  
12:00 Noon Lunch at Harvest House  
2:00 P.M. Demonstration of TAXIE at Computing Center  
3:00 P.M. Questions and answers  
6:00 P.M. Dinner at Harvest House

In as much as the work that has gone into this system is intended for use by members of this community as well as by others at both the undergraduate and graduate levels, we hope that you can come and view the demonstration with an eye to assessing its value for the operations of this University. We hope you can attend some or all of the sessions.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:qm

25 September 1968

Dr. Howard S. Irwin  
The New York Botanical Garden  
Bronx Park  
Bronx, N. Y. 19458

Dear Howard:

Of all the people I had hoped to have come to our demonstration, I had hoped most for you. I am terribly sorry that your duties there prevent your attendance. It is remarkable, isn't it, that six or seven members of the Natural History Museum of the Smithsonian including the director and several department heads find it sufficiently interesting to attend, but N.Y.B.G. has no time for its curators to further their professional interests.

I recognize the significance of politics, but I've always wondered why it is that administrators think it more important for scientists to do publicity activities rather than scientific ones. In the long run we all must turn to a better management system for our collections. While our system is not the full answer to management of collections, it certainly offers a step in the direction which will make collections much more meaningful, useful, and productive. I do believe that the herbarium or museum is becoming the focal point for much of knowledge, and recognized as a significant contributor to modern day needs. I believe that the excitement of a museum can be made much more broadly known through application of modern communication techniques of which the computer is one of the most significant.

Perhaps after the Board of Managers has turned you loose, they might be willing to let you come for a private demonstration here. I hope so anyway.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

25 September 1968

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

Dear Howard:

Of all the people I had hoped to have come to this meeting, I had hoped most for you. I am terribly sorry that your duties there prevent your attendance. It is remarkable, isn't it, that we are getting six or seven members of the Natural History Museum of the Smithsonian including the director as well as five or six department heads.

I recognize the significance of politics, but I've always wondered why it is that administrators think it more important for science, to do publicity activities rather than scientific ones. In the long run we all must turn to a better management system for our collections. While it is not the full answer to management of collections it certainly offers a step in the direction which will make of collections much more meaningful, useful, and productive. I do believe that the herbarium or museum is becoming the focal point for much of knowledge, recognized as a significant contributor to modern day needs. I believe that the excitement of a museum can be made much more broadly known through application of modern communication techniques of which the computer is one of the most significant.

Perhaps after the Board of Managers has turned you loose they might be willing to let you come for a private demonstration here. I hope so anyway.

Sincerely,

David J. Rogers  
Professor of Biology

DJR:gm

I. BRUNO

DEPARTMENT OF THE SECRETARY OF STATE  
NATIONAL MUSEUM OF CANADA

SECRETARIAT D'ÉTAT  
MUSÉE NATIONAL DU CANADA

OTTAWA 4

OUR FILE NO.  
NOTRE DOSSIER N°DEPARTMENT OF THE SECRETARY OF STATE  
SECRETARIAT D'ÉTATYOUR FILE NO.  
VOTRE DOSSIER N°

Dr. David Rogers  
Dept of Botany  
U. of Colorado  
BOULDER, Colorado.

Dear Dave,

It was really great seeing you again, along with Henry. It's a shame my periodic visits to New York are no longer livened up by our meeting there.

I just wanted to remind you about Jim Soper's lack of knowledge of your October demonstration & discussion. If you haven't done so already, could you write to him sending him all the particulars? I'm sure his being there would benefit you, him, and the cause of computerized methodology in general. As you know, he's extremely active in the field and very knowledgeable.

With all best regards,

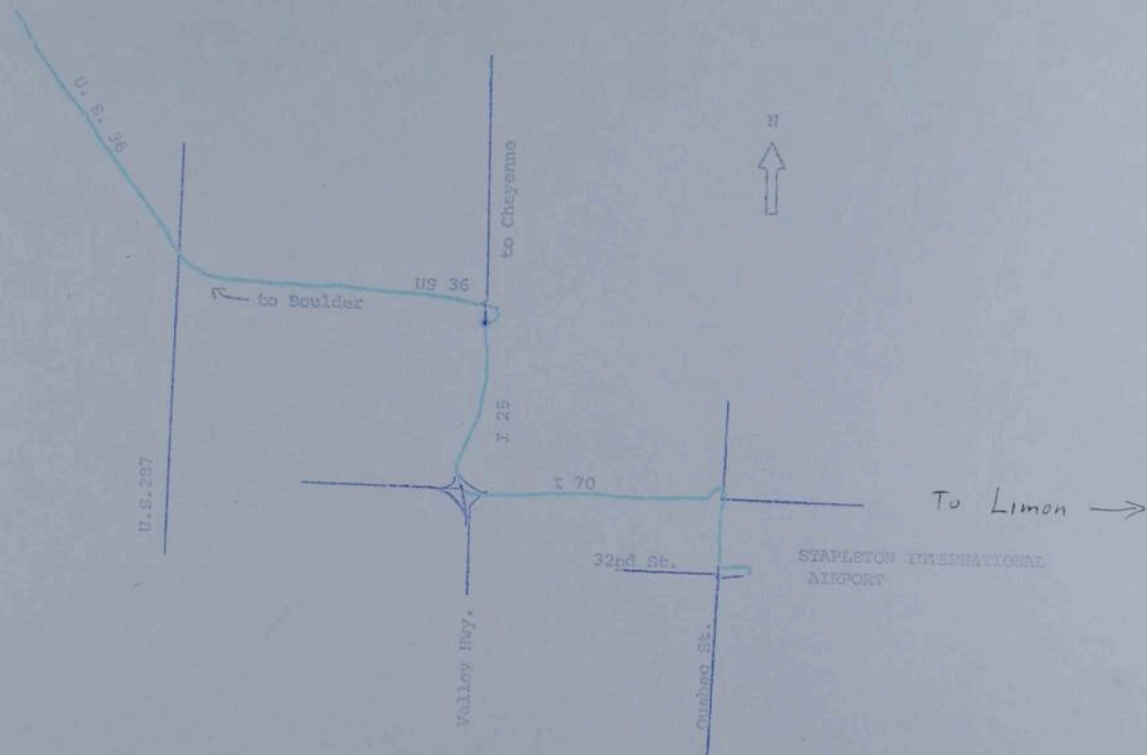
Ernie

## POST CARD

Dear Ernie: Thanks for your note. I did contact Jim. He can't make it. I am sorry because we really have something to show for a computerized I.R. system. It was good to see you at Columbus.



ROUTE FROM AIRPORT TO BOULDER



PERTINENT AREA OF BOULDER

PHONES: Taximetrics Lab

443-2211, X 6712

X 6078

Rogers' Home (Mountain Shadows)

447-1819

