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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.

HARVARD UNIVERSITY
THE BIOLOGICAL LABORATORIES
16 DIVINITY AVENUE
CAMBRIDGE 38, MASSACHUSETTS

April 1, 1963

Professor W. W. Ray, Chairman
Department of Botany
University of Nebraska
Lincoln 8, Nebraska

Dear Dr. Ray:

I have never replied to your letter of December 17 because I did not know of a suitable candidate. However, if it is not too late, I should like to draw your attention to the fact that A. K. Khudairi, who for the last five years has been Dean of the College of Agriculture at the University of Baghdad and Professor Plant Physiology there, is anxious to leave.

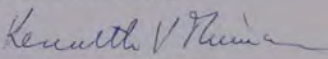
Khudairi worked with Karl Hamner at the University of California in Los Angeles and has his Ph.D. from there. He has also been, for a while, at Michigan State and at Wageningen Agricultural University in Holland. He is a well rounded physiologist who has worked mainly on flowering and on nitrogen fixation. He has a special interest, naturally, in the agriculture of dry soils, although he has not specifically worked on water problems. He has also written a little book on Practical Botany for Colleges.

If you should be interested, I could send you more details about Khudairi, or you may care to correspond with him direct. His address is:

c/o Subhi Khudairi
25/7/35 Masbah
Karradah, Baghdad, Iraq

I might add that both Khudairi and his wife are fine people and he would make an excellent colleague.

Yours sincerely,


Kenneth V. Thimann
Higgins Professor
of Biology

KVT:RLS

IOWA STATE UNIVERSITY

of Science and Technology

AMES, IOWA



Department of Botany and Plant Pathology

March 24, 1960

Dr. W.W. Ray
Department of Botany
University of Nebraska
Lincoln, Nebraska

Dear Dr. Ray:

Roger Albertson has asked that I write in support of his application to do graduate work in taxonomy in your department. Roger had been one of my undergraduate councilors for three years, and has done special problems in both taxonomy and ecology. These were handled by Drs. Pohl and Aikman respectively. Both were well satisfied with his work in these areas.

Roger has a great deal of artistic talent, and has worked for several people in the department. He is not interested in art work alone, and wishes to combine his interest in plants with his other abilities. He is a quiet person, but readily contributes his ideas and comments in group discussions or individual conversations.

Roger is not an outstanding student. His chief undergraduate difficulties have been with languages, both English and foreign. I suspect that he did not work as hard as he might have in these areas, however.

Yours truly,

Lois H. Tiffany
Associate Professor

LHT:jp

IOWA STATE UNIVERSITY

of Science and Technology



AMES, IOWA

Department of Botany and Plant Pathology

Area Code: 515 Phone: 231-2616

February 14, 1962

Dr. W.W. Ray
Department of Botany
University of Nebraska
Lincoln, Nebraska

Dear Dr. Ray:

Miss Karen Demein has asked that I write to you in support of her application for admission to graduate school.

Karen has been one of my undergraduate advisees for four years, and has worked out a senior research problem on isolating and identifying soil fungi under my general direction. She is a good student, with a greater potential than is indicated by her undergraduate grade point. Karen reacts, or did react when she was a freshman, to the personality of her instructors. This obviously results in an uneven record. Her self discipline in such matters, a mark of maturity, has improved greatly during the past year. She is enthusiastic, a hard worker, and organizes her work well. She is also pleasant and a dependable person.

Karen has worked in the Union for her board, and has also worked for a year as an undergraduate laboratory assistant in our general botany teaching program.

Yours truly,

L.H. Tiffany

L.H. Tiffany
Associate Professor

LHT:jp

IOWA STATE UNIVERSITY

of Science and Technology



AMES, IOWA 50010

Department of Botany and Plant Pathology
Area Code 515 Phone 231-2616

January 8, 1965

Dr. W. W. Rdy
Department of Botany
University of Nebraska
Lincoln, Nebraska 68508

Dear Dr. Rdy:

I'm sorry to report that no one in the department here has a culture of Pythium aphanidermatum at the present time. We have one labeled as such, but it is apparently a mixture. If I can separate out the P. aphanidermatum I'll send along a transfer.

Yours truly,

Lois H. Tiffany
Associate Professor

LHT/ss

UNIVERSITY OF ILLINOIS
DEPARTMENT OF BOTANY
URBANA, ILLINOIS

May 16, 1955

Professor W. W. Ray, Chairman
Department of Botany
University of Nebraska
Lincoln 8, Nebraska

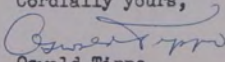
Dear Dr. Ray:

Thank you for your letter of May 6 in which you indicate that you are looking for a botanist to teach in your general biology course. I have called this vacancy to the attention of Dr. Harold Kuehn, Department of Botany, New Mexico Highlands University, Las Vegas, New Mexico, who is looking for a position for next year.

I am also circulating your letter among the members of our faculty. If someone comes up with another suggestion, we shall send word to you promptly.

Hoping that you will be able to locate a suitable person, I am

Cordially yours,


Oswald Tippe
Chairman

OT:ems

YALE UNIVERSITY
OSBORN BOTANICAL LABORATORY
NEW HAVEN, CONNECTICUT

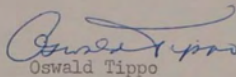
March 15, 1956

Professor W. W. Ray
Chairman, Department of Botany
University of Nebraska
Lincoln, Nebraska

Dear Dr. Ray:

Thank you for your letter of March 7 in which
you give your appraisal of Dr. Jasper Garner. Your counsel
in this matter is appreciated, I assure you.

Cordially yours,



Oswald Tippo
Chairman

OT/ih

Digitized by Hunt Institute for Botanical Documentation

UNIVERSITY OF MISSOURI
COLUMBIA

COLLEGE OF ARTS AND SCIENCE
DEPARTMENT OF BOTANY

November 8, 1954

Dr. W. W. Ray, Chairman
Department of Botany
University of Nebraska
Lincoln 8, Nebraska

Dear Win:

We shall always remember your hospitality and effectiveness in presenting us to your staff and to the people on the Ag Campus, but most of all we value the new friendship we have made with you and Virginia. It was so good to be with you.

The many questions that your people were kind enough to ask me have been a real stimulus. As so often happens several of the questions have presented ideas that had not occurred to us. You have a thoughtful and solid group in your department, Win.

It has been a pleasure to tell the men here about your fine equipment and high moral. Ed Palmquist, Ted Bretz and others were interested and a bit envious when I gave them the details.

Give my best regards to Virginia, Sara and Barby and in particular to Sandy.

We are waiting for your first visit.

Sincerely,

Dick

VF/cm

D. S. Van Fleet

SOUTHERN ILLINOIS UNIVERSITY
COLLEGE OF LIBERAL ARTS AND SCIENCES
CARBONDALE

GRAD. OFFICE

JAN 30 1959

RECEIVED

OFFICE OF THE DEAN

January 27, 1959

Dean of Graduate College
Room 306 Administration Hall
University of Nebraska
Lincoln 8, Nebraska

Dear Dean:

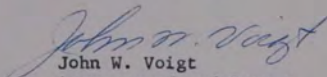
Mr. Donald Drapalik, one of our senior students, has asked me to write you concerning his qualifications for graduate study and as an assistant or fellow.

Mr. Drapalik is a very conscientious student. His University average is about a B plus, and his average in Botany is nearly an A or perhaps is. I have had him in my class of elementary ecology and this seems to be his main interest. He prepares his work carefully, carries his assignments through to completion, and usually does much more than is asked for. I believe that Mr. Drapalik would make an outstanding prospect for graduate work and recommend him without hesitation.

Mr. Drapalik is single and is financially solvent. He probably will depend upon some kind of departmental assistance and will probably make such application.

I shall be glad to furnish other details if they are necessary.

Sincerely yours,


John W. Voigt
Assoc. prof. of Botany

JWV:cah

BOARD OF TRUSTEES

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AMERICAN PHYTOPATHOLOGICAL SOCIETY

AMERICAN ASSOCIATION OF
PATHOLOGISTS AND BACTERIOLOGISTS

AMERICAN SOCIETY OF ZOOLOGISTS

MYCOLOGICAL SOCIETY OF AMERICA

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

NATIONAL RESEARCH COUNCIL

AMERICAN TYPE CULTURE COLLECTION

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WASHINGTON 7, D. C.

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RUTH D. DAVIS, BACTERIOLOGIST

HWANG, SHUH-WEI, MYCOLOGIST

SECRETARY-MANAGER
KATHERINE ALVORD

April 28, 1959

Dr. W. W. Ray
Department of Botany
University of Nebraska
Lincoln 8, Nebraska

Dear Doctor Ray:

Your request for cultures of certain "medical fungi" addressed to the Communicable Disease Center, has been referred to us.

We have cultures of all the species you mention. Most of them are listed in the enclosure, others in our general catalog of cultures, an order form for which is enclosed.

As you know, it is difficult to keep the dermatophytic fungi in artificial culture so that they retain normal production of spores, especially certain species of *Microsporum* and *Trichophyton*. Sometimes a return to normal spore production can be induced by growing them on hair or on chitinous or keratinous materials. In other cases only the primary isolate will produce normal spores (macroconidia).

With cordial regards,

Sincerely,

Freeman A. Weiss

Freeman A. Weiss
Curator

FAW/da

HARVARD UNIVERSITY
THE BIOLOGICAL LABORATORIES
16 DIVINITY AVENUE
CAMBRIDGE 38, MASSACHUSETTS

March 24, 1964

Professor W. W. Ray, Chairman
Department of Botany
University of Nebraska
Lincoln 8, Nebraska

Dear Dr. Ray:

Now that I am Emeritus and have not had graduate students for four years, I do not have the intimate contact with young people in experimental morphology and developmental biology that I formerly had. My successor, Professor John G. Torrey, has only one young man getting through this year, a superb candidate for any opening in any aspect of Experimental Morphology, or Morphogenesis or Developmental Biology, with emphasis on the plant. But he earnestly wants a year of research before settling down. His name is Howard A. Bonnett, and his address is Biological Laboratories, Harvard University. If you could wait a year, he would be an asset in any laboratory. I'll gladly write more, if you need it.

A second young man of four years' experience on the staff of the University of Virginia wishes seriously to move. This wish stems from a conviction that his three small daughters ought to be brought up north of the Mason-Dixon line. Both he and his wife are from New England. Assistant Professor James L. Riopel was my student as a candidate for the Ph.D. He is one of the best teachers I have had. He is dynamic, articulate, hard-working, of even disposition, of absolute dependability, and wise in personal relations. His doctoral problem was on the banana plant, an attempt to understand something of the banana wilt disease in relation to the host, how it entered the root, with intriguing experiments and with findings which looked profoundly significant. But politics in the West Indies had curtailed the research program of the United Fruit Company which had financed a large part of Riopel's graduate study, so he could not follow up his findings in the tropics, as planned. When this opportunity fell through, Dr. Riopel turned to experimental morphology and developmental physiology

-2-

with a view to making this his major program. His publication list is low because of the change, but he has become proficient in new fields, in tissue culture, histochemistry, radiography, etc.

I would suggest, if possible, that if you are interested in Dr. Riopel, and he could be interested in coming, you might ask him out for a seminar. I believe you would be impressed. At Virginia, he has been given responsibility for Mountain Lake Biological Station, the summer station of the University of Virginia. I understand he has been a real success as its Director for the past three summers. I happen to know that Professor Dietrich Bodenstein, Chairman of the Department of Biology there is very anxious to keep Dr. Riopel. I suspect that it would take an Associate Professorship or a late term Assistant Professorship to move him for he has at least one more year before the oldest child will be in school.

A third possibility would be Dr. Dean P. Whittier, another Ph.D. of mine who has been teaching at Virginia Polytechnic Institute for three years. He is resigning this spring for a year of research with Professor Keith Porter at Harvard in electron microscopy, provoked by his research. If he gets his grant, he would have to be approached for a year hence. If not, he will need a position for this autumn.

I can recommend Dr. Whittier highly: intelligent, very industrious, quiet, but with a real sense of humor, high in standards for himself and others, he can always be counted upon. He is a good teacher, but not unusual as is Dr. Riopel. I shall be glad to write more of him if it is needed. He should hear from his grant application about April 1.

If you are interested in a brilliant young Indian, Dr. M.V.S. Raju, who has an American wife, and wishes to stay in this country, I would suggest that you write Professor Taylor A. Steeves, Department of Biology, University of Saskatchewan, Saskatoon, under whom Dr. Raju obtained his Ph.D.

I hope that these comments may be of some use to you.

Sincerely yours,

Ralph H. Wetmore

Ralph H. Wetmore

RHW:mjr

THE UNIVERSITY OF TEXAS
AUSTIN 12

THE PLANT RESEARCH INSTITUTE

March 19, 1964

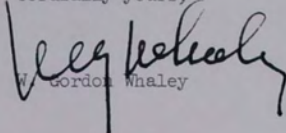
Dr. W. W. Ray, Chairman
Department of Botany
The University of Nebraska
Lincoln 8, Nebraska

Dear Dr. Ray:

I wish we had someone who could fill the position you have open,
but so far as I know, we do not have anyone who will finish his Ph.D.
this summer who would be eligible.

With best wishes.

Cordially yours,


W. Gordon Whaley

WGW/nmz

THE JACKSON LABORATORY / BAR HARBOR, MAINE

March 18, 1964

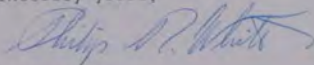
Dr. W. W. Ray, Chairman
Department of Botany
The University of Nebraska
Lincoln 8, Nebraska

Dear Dr. Ray:

I am afraid that I have no really good leads in answer to your letter of March 12. Paul Risser, who worked with me for two years is now at the University of Wisconsin department of botany, but he will probably not get his Ph.D. for at least another year, and perhaps two. He is an excellent worker; he came to me from Grinnell College. Denes de Torok, who is now at Pennsylvania State University, Commonwealth Campus, McKeesport, Pennsylvania, is a possibility. Denes worked with me for two years. We got him a graduate fellowship to Harvard, under Thimann. He expected to get his Ph.D., failed on his orals because of inadequate background in Hungary and was given an A.M. He is a very able young man, an excellent teacher, and a good researcher. But he is impatient and prone to bluff when pushed into a corner instead of acknowledging that he doesn't know. That didn't work at Harvard, although Thimann assured me that his doctoral dissertation was quite acceptable. I don't think Nebraska would be an ideal place for him, since he is essentially a city dweller. And I still urge him to get his Ph.D. from some other place than Harvard, as I am sure he can. But I know that he would like to move from his present place, and he might prove acceptable to you. Another is Dr. William Bell, now at the University Park campus of Pennsylvania State University. He is a University of Chicago Ph.D., a specialist in tomato genetics, teaching Plant Physiology very successfully. He is a very able person and a good teacher and researcher. His one fault is a tendency to go his own way in spite of contrary rules and regulations - such as parking assignments! I think he would be glad to move.

If I think of anyone else I will let you know. Give my regards to my friends in Lincoln, especially Don Pace.

Sincerely yours,



Philip R. White

PRW:ims

IN REPLY, PLEASE ADDRESS
COMMANDING OFFICER

QUARTERMASTER RESEARCH AND DEVELOPMENT LABORATORIES
PHILADELPHIA QUARTERMASTER DEPOT
2800 SOUTH 20TH STREET
PHILADELPHIA 45, PA.

ATTENTION:
QM Res & Dev Laboratories
Biol Labs SECTION

IN REPLY REFER TO
FILE: QMP 423.112 R-10

22 January 1948

Dr. W. W. Ray
Department of Botany
University of Nebraska
Lincoln 8, Nebraska.

Dear Dr. Ray:

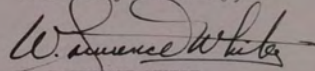
Thank you for the cultures which you forwarded with your letter dated 14 January.

That which came from the greenhouse soil at Stillwater we would label Myrothecium roridum. The other three seem to be correct as M. verrucaria.

The differences in the two species are very minor and appear to be largely if not entirely in the spore characters. The spores of M. verrucaria have a characteristic shape which distinguishes them from the cylindric ones of M. roridum. You might be interested in comparing your Stillwater isolate with the drawings of Preston in Brit. Myc. Soc. Trans. 26: 158-168, 1943.

If you ever find Memnoniella echinata in your section we would appreciate knowing about it.

Yours very sincerely,



W. LAWRENCE WHITE
Senior Mycologist
Biological Laboratories

RECORDED

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ~~ADMINISTRATION~~ Service

~~BUREAU OF AGRICULTURAL AND INDUSTRIAL CHEMISTRY~~

PEORIA 5, ILLINOIS

February 26, 1954

Dr. W. W. Ray
Mycologist and Chairman
Department of Botany
The University of Nebraska
Lincoln 8, Nebraska

Dear Dr. Ray:

In response to your letter of February 16 we are sending you
ascosporeous strains NRRL Y-1002 Zygosaccharomyces globiformis
and Y-1982 Debaryomyces globosus. Dr. Hesselstine is sending
you Blakeslea trispora NRRL-1718 and Choanephora cucurbitarum
NRRL-2229.

If you have any unusual Phycomycetes we should like to have
transplants.

Sincerely yours,

Symford J. Wickerham

Symford J. Wickerham, Zymologist
Fermentation Section
Northern Utilization Research Branch

UNIVERSITY OF SOUTH DAKOTA
VERMILLION

DEPARTMENT OF BOTANY

May 6, 1958

Chairman,
Department of Botany
University of Nebraska
Lincoln, Nebraska

Dear Sir:

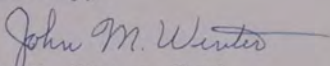
Mr. Robert Trankle, who is an instructor in Biology at the University of Omaha, intends to apply for an assistantship with you to further his graduate work in Botany. Mr. Trankle has an advanced degree in Bacteriology, but finds that he is deeply interested in the plant sciences. He has taken additional courses in our department since completing a graduate minor in Botany some years ago.

Mr. Trankle is a good student and has done some fine work in plant taxonomy, and introductory mycology with me. His teaching record at Omaha University is excellent and I am sure that he would do satisfactory graduate work with you.

The fact that a young man with a family and who is evidently well established in his teaching position should decide to continue graduate work would indicate a considerable degree of drive and determination.

Mr. Trankle and his family are fine young people and I sincerely hope he may be able to secure an assistantship. I believe he would be of value to you both as a student and as an instructor.

Sincerely,


John M. Winter, Head
Department of Botany

JW/se

UNIVERSITY OF SOUTH DAKOTA
VERMILLION

BOTANY

May 15, 1959

Dr. W. W. Ray, Chairman
Department of Botany
University of Nebraska
Lincoln, Nebraska

Dear Dr. Ray:

I need to consult the Torrey Cards in relation to some work on the plants of South Dakota. We do not have these cards available here. I remember as a student at Nebraska that the Botany Department maintains this reference material.

Would it be possible for me to work in the departmental library for a couple of days? I would prefer to use a couple of days in the first week of June, possibly June 5 and 6, if this arrangement is possible. If not, will you let me know when I might be able to use this reference material?

Sincerely yours,

John M. Winter

John M. Winter, Head
Department of Botany

JMW:lb

DEPARTMENT OF BOTANY

April 16, 1962

Dear Dr. Ray:

I am sorry to trouble you but a chap in France is very desirous of receiving copies of two papers by Léona B. Walker. I do not know her address. Could you contact her, asking for the studies on *Ascoidea*. One appeared in *Mycol* 23: 51-76, 1931, the other in *Mycol*, 27: 102-127, 1935. I

know that it is highly unlikely that she has reprints, but if she does please ask her to send them to P. Cavaudan, Université de Poitiers, Station Biologique, 25 Faubourg Saint Cyprien, France. If she does not possess them,

reprints I shall find a way to copy them. I trust that all goes well for you,

Very sincerely yours
J. A. Wolf

1962

May 8

Dear Dr. Ray:

I greatly appreciate news of Drs. Poole, Weaver, and the Walkers. All are older than I, and I was retired 8 years ago. I've been able to work however, except for the past few months. Arthritis is keeping me occupied with aches and pains in which no one is interested. Old people must learn to live with their infirmities. During these 8 years I have published 30 technical papers and 2 books, a life-time output for a botanist in his right mind. A few more studies remain to be finished and if I can dismount the rocking chair I shall get them done.

Digitized by Hunt Institute for Botanical Documentation

Today I am send to Poitiers the recorded reprint, also a copy of the second plant part. I am grateful to you for the reprint and hope that we will have some our boy scout good seed.

I trust that all goes well with you and the affairs of the Department-

Cordially
 Wolf

F. A. Wolf

UNIVERSITY OF CALIFORNIA
AGRICULTURAL EXPERIMENT STATION

CITRUS EXPERIMENT STATION
DEPARTMENT OF PLANT PATHOLOGY
RIVERSIDE, CALIFORNIA

March 10, 1960

Air Mail

Dr. W. W. Ray
Mycologist & Chairman
Department of Botany
The University of Nebraska
Lincoln 8, Nebraska

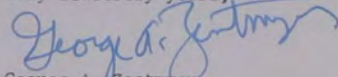
Dear Dr. Ray:

Regarding your letter inquiring about cultures of *Phytophthora* that produce sporangia readily on artificial media, I have no species of *Phytophthora* that produce sporangia readily on synthetic media. I am not sure whether you refer primarily to synthetic media in your requirements or not.

Some of the species of *Phytophthora* which we have here will produce sporangia fairly readily on material such as sterilized alfalfa stems, for instance. The primary species of *Phytophthora* with which I am working, *Phytophthora cinnamomi*, only produces sporangia when I prepare a non-sterile soil extract and then use this for adding inoculum of the fungus. Dr. Klotz in the Department here has two or three species of *Phytophthora* which produce sporangia on this sterilized alfalfa stem medium which I mentioned.

Please let me know if this type of fungus would do for your studies or if you need something which does produce sporangia in sterile synthetic culture media.

Very sincerely yours,



George A. Zentmyer
Plant Pathologist

GAZ:bl

UNIVERSITY OF CALIFORNIA
AGRICULTURAL EXPERIMENT STATION

CITRUS EXPERIMENT STATION
DEPARTMENT OF PLANT PATHOLOGY
RIVERSIDE, CALIFORNIA

April 4, 1960

Air Mail

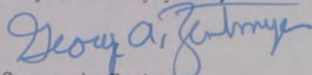
Dr. W. W. Ray, Chairman
Department of Botany
The University of Nebraska
Lincoln 8, Nebraska

Dear Dr. Ray:

I have inquired in our Department regarding the species of Phytophthora which produce sporangia readily on lima bean or potato agar.

Dr. Donald Erwin, whom I understand you know and who has just recently returned from sabbatical leave, tells me that he has an isolate of Phytophthora which will produce sporangia quite readily on such agar. He will forward this to you with a covering letter.

Very sincerely yours,



George A. Zentmyer
Plant Pathologist

GAZ:bl