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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.



BREVKORT.

Alfænder

Gunnar Nygaard

Lektor, cand. mag.

Ordrup Gymnasium

CHARLOTTENLUND



Dr. Arthur H. Scott

2824 Dante Street

New Orleans 18, La.

U.S.A.

169



DANMARK
Brevkort - Carte postale



Alfænder

Lektor G. Nygaard

Sundvej 12

Hellerup

Danmark

Dr. A. M. Scott

2824 Dante Street

New Orleans 18

La, U.S.A.

171

March 6th, 1950, Hellerup

Dear Dr. Scott, my best thanks for your interesting paper on *Spinocosmarium*. By the day's mail I am sending you my last paper and a reprint of prof. C. H. Ostenfeld's (+ 1930) and my paper on the phytoplankton of Gatun Lake, together with some papers containing valuable articles on mounting durable slides. A friend of mine, Dr. Einar Telling, has asked me to send the papers directly to you and I thank you for the loan. Dr. Telling also wrote that you are interested in the desmids of Gatun Lake; so am I and later on I intend to write a little about some of them, having just re-examined some new slides remounted after Spence's soft paraffin method or my own liquid paraffin method on the base of some old, detect slides of 1925.

With my best wishes, Yours truly
Günmar Nygaard.

Hellerup, november 5th,
1950

Dear Dr. Scott,

My best thanks for your interesting and good illustrated paper on *Staurastrum Ophiura*.

If you have proof sheets of the text figures I should highly appreciate a set to my collection of copies of freshwater algae.

With kind regards,
Yours sincerely,
Günmar Nygaard.

August 9 1957

Collector of Customs,
New Orleans, La.

Dear Sir,

I am importing per S/S Stageholm, due here Aug. 18, one case of scientific books, weight 75 kg., consigned to me by the Finnish Scientific Society of Helsinki, Finland.

The case contains 100 copies of a book entitled "New and interesting Beasts from the Southeastern United States", and I am one of the co-authors, with Dr. Wolf Grönbld, a wellknown Finnish Scientist.

These books are not intended for sale, and none will be sold. They will be distributed, free of charge, to other scientists and scientific institutions in this and other countries. Therefore I believe that they should be admitted free of duty.

On several previous occasions I have imported similar lots of smaller books, in which I have collaborated as co-author, from Finland, Holland, Australia and Indonesia, but as these books were much smaller they have hitherto been sent by parcel post. In all cases the packages have been stamped "Passed free of duty" by the customs officials at the port of entry, usually New York.

I have not yet received an invoice for the present lot of books, but I estimate the cost to me at about \$1.50 each, CIF New Orleans.

Very truly yours,

July 19 1960

Herrn J. Cramer,
Weinheim/Bergstr.
West Germany.

Lieber Herr Cramer,

Enclosed is my cheque for \$18.50 in payment for Vol. II of Nova Hedwigia. I have received Heft 1/2&3 of this volume, and find that there is nothing whatever of interest to me in them. That is because I am a specialist on the Desmidiaceae, and these are the only plants of which I have any knowledge. I regret, therefore, that I must ask you to stop my subscription to Nova Hedwigia at the end of Vol. II.

However, I wish my subscription to the series "The Genus Cosmarium" to remain in force, and I would like you to comply with my request for information as to when you expect to start and to finish this series.

Sincerely yours,

LUFTPOSTLEICHTBRIEF
AEROGRAMM

Arthur M. Scott, Esqu.,
2824 Dante Street,
New Orleans, 18, La.,
USA.

MIT LUFTPOST
PAR AVION
BY AIR MAIL

Absender:

H. R. ENGELMANN (J. CRAMER)
Weinheim / Bergstr. (Germany)
Postfach 166

Freigebühr
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Möglichst
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Wenn der Brief Einlagen enthält, wird er nur durch gewöhnliche Post befördert.



H. R. ENGELMANN (J. CRAMER)

(founded in Leipzig 1811)

Natural History Publishers, Booksellers & Antiquarians

WEINHEIM/BERGSTR. (Germany) - P.O.-BOX 166

June, 29th 1959

Mr. Arthur M. Scott,
824 Dante Street,
New Orleans, 18, La.

Dear Sir:

With great pleasure I noted your subscription to

- 1) Nova Hedwigia
- 2) Die Gattung Cosmarium

The first item of NOVA HEDWIGIA is now ready with phycological contributions by SKUJA, ETTL, GERLOFF, HORTOBAGYI and FOTT and was sent by ordinary mail. The issues of "Die Gattung Cosmarium" will be sent directly upon publication.

Taking the occasion, I will assure you, that it will be a great honour to us, if we can furnish you with new HEDWIGIA contributions.

If you have to publish anything, kindly get in contact with the editor of the phycological part: Dr. E. Gerloff, Berlin-Dahlem, Königin-Luise-Str. 6-8.

Thanking you in advance for your kind cooperation, I am

Yours very faithfully,

J. Cramer

NOVA HEDWIGIA

Journal of Cryptogamic Science
Berlin-Dahlem · Königin-Luise-Str. 6-8

H. R. Engelmann (J. Cramer)

Publisher
Box 166 · Weinheim/Bergstr. · Germany

We are pleased to announce that the first volume of the periodical

NOVA HEDWIGIA

Journal of Cryptogamic Science

will appear in May 1959. The new periodical is planned to continue the journal „Hedwigia“ established in 1852 and published until 1944. It will cover the same field, but will not be a direct continuation.

Nova Hedwigia will be issued in four to six numbers a year of about 160 pages and plates each. It will contain articles predominantly along systematic, geographico-sociological, morphological and ecological lines covering the whole field of cryptogams. Articles will be in German, English and French. For subscribers the price per volume will be DM 20.- (U.S. \$ 5.--) to DM 25.- (U.S. \$ 6.52). Please use the enclosed card and order your subscription from your bookseller.

Plans are under way to include in the journal a

„Repertory of all newly described Species and Types“

(with the exception of mushrooms). In order to make it complete, authors of articles in which new species are described, are kindly asked to furnish the editor with the name of the publication, the date and place of publication, as well as the title of the article. Reprints of these articles would be desirable. Manuscripts of contributions should be written in one of the above named languages, clearly typed and ready for the printer. Send them to the editors in

Berlin-Dahlem,
Koenigin-Luise-Strasse 6-8
Germany

Due to the irregular appearance of the issues, prompt publication is assured.

Words to be letter-spaced should be underlined by a broken line (-----), italics with a wavy line (~~~~~), medium bold face by a double line (====) and capitals by a single line (_____). Words to be set in small type should be designated by a vertical line on the left. Illustrations, line drawings or photos (not limited by number) should, if possible, be grouped on plates.

The authors will receive a fee of DM 25.- per sheet of 16 pages as well as 50 offprints of their work. The publisher will be glad to supply books to the amount of the fee through his retail department. Additional offprints can be supplied at cost, but the total amount desired should be stated upon submitting the article.

Works too large to be included in the journal, may be published in the form of supplements. The first of these supplements will be a work on the genus „Cosmarium“ by W. Krieger & J. Gerloff. These supplements will be furnished to subscribers at a reduced price. Purchase of the supplements is not obligatory.

The undersigned would be happy to receive your articles and subscriptions.

The Editors:

F. Mattick J. Gerloff

The Publisher:

H. R. Engelmann (J. Cramer)

u

National Geographic Magazine

WASHINGTON 6. D. C.

GEORGE CROSSETTE
CHIEF, GEOGRAPHIC RESEARCH

November 4, 1958

Mr. Arthur M. Scott
2824 Dante Street
New Orleans 18, Louisiana

Dear Mr. Scott:

It was a pleasure to receive your letter concerning our article "The Islands Called Fiji." I regret that Mr. Marden is away on assignment at the present time, but I shall be happy to show him your letter upon his return.

Max Pemberton's book The Iron Pirate (A Plain Tale of Strange Happenings on the Sea) was published by Rand McNally Company, in 1897. Von Luchner may very likely deliberately have used the pseudonym "M. Pemberton" as a clue to his identity.

I have checked with our library and have found that Volume III of the Records of the American-Australian Scientific Expedition to Arnhem Land was received just this past week. Unfortunately, we do not feel that we can lend our expedition volumes since these are always in great demand by our own staff. We regret that you have not been able to obtain a complete set of the Expedition Records. It is frequently the practice of publishers to furnish only reprints of specific articles to the authors of them since a complete volume may be a prohibitive expense to the publishers.

We appreciate your interest in writing to us. Best wishes to you.

Sincerely yours,

George Crossette

GC:ha

October 1 1958

National Geographic Society,
16th & M Sts. NW.,
Washington 6, D.C.

Gentlemen,

In Vol.3 (Botany) of the Records of the American-Australian Scientific Expedition to Arnhem Land there is a paper by A.M.Scott (myself) and G.W.Prescott, "Some freshwater algae from Arnhem Land".

I have received from the printers in Melbourne my reprints of the paper, but have never seen the complete volume, nor Vol.1 which appeared a year or so ago. Vol. 2 has not yet been published, I think. I should like very much to read these books, but I can't afford to buy them because of the high price, (Vol. 1 costs \$18.50!!), and they are not available in the New Orleans libraries. I could get them on an inter-library loan, but such loaned books are not allowed to be removed from the library, and it would not be possible for me to spend a week in the library reading them.

No doubt the books are in your library, and I wonder if it would be possible for you to lend them to me for a couple of weeks. I would gladly put up a deposit of say \$50 to guarantee their safe return, and this would be more than enough to replace them in the unlikely event of something happening to them or to me.

A year or so ago I wrote my friend Ray Specht, who edited Vol. 3 and who visited me in New Orleans a couple of years ago, that it would be a nice gesture on the part of the Australian authorities (the C.S.I.R.O.?) if they donated a complete set of the Expedition Records to each of the specialists who have given so freely of their time and knowledge and skill to make their publication possible, or if this was too much to expect, at least a free copy of the volume in which their respective papers appeared. I asked him to pass this suggestion on to the proper authorities, but to date it has brought no response. Would you care to express an opinion on it?

Sincerely yours,

October 1 1958

The Editor, National Geographic Magazine,
16th & M Sts. NW.
Washington, D.C.

Dear Sir,

I have read two books about Count Felix von Luckner's adventures during World War I, including his own, but in the October Geographic I saw for the first time the letter quoted by Luis Marden on p. 554. Immediately my attention was caught by the pseudonym that von Luckner used, "M. Pemberton".

When I was a boy in London, England, almost 60 years ago, I read some books by a British author, Max Pemberton, who wrote imaginative adventure stories. The title of one of his books was either "The Iron Pirate" or "The Bronze Pirate"; I am not sure which, for both titles seem to have stuck in my memory. Anyway, the story concerned a pirate who by some means or other had acquired a warship of the cruiser type, and I seem to remember that it was sheathed in shining bronze. With this vessel he held up one of the transatlantic liners that was carrying a shipment of gold bullion and specie valued at a few million pounds. The pirate got away with this loot, but I have forgotten what happened to him afterwards. No doubt he got caught in the end, just as von Luckner did. If you think it of sufficient importance, no doubt you could get someone in the Congressional Library to run down the reference and ascertain the correct title; the book must have been published in the 1890's.

It seems to me highly probable that von Luckner had also read this book, and that he deliberately used the pseudonym M. Pemberton as a clue to his identity.

You might pass this along to the Ovalau Club in Levuka, though I should think that some of the Britishers in Fiji must have tumbled long ago to the significance of the pseudonym, after it became known that the note had been written by von Luckner.

I am enclosing another letter on a different subject. Please pass it along to the proper person, perhaps with a recommendation that my request be granted.

Sincerely yours,

RECEIVED
OCT 1 1958

NEW ORLEANS PUBLIC LIBRARY

1031 SAINT CHARLES AVENUE, NEW ORLEANS 13, LOUISIANA

JOHN HALL JACOBS, Librarian

GEORGE KING LOGAN, Assistant Librarian

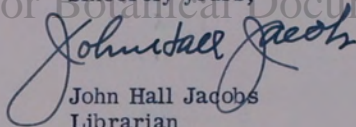
September 30, 1958

Mr. Arthur M. Scott
2824 Dante Street
New Orleans 18, La.

Dear Mr. Scott:

It is my privilege to acknowledge on behalf of the Directors, your gift of the publication listed below which you handed to me in the Library Saturday. We are particularly pleased to have books and periodicals prepared by local writers about local subjects, hence your gift is especially appreciated. Thank you very much and with congratulations,

Sincerely yours,


John Hall Jacobs
Librarian

Some Freshwater Algae From Arnhem Land in the Northern Territory of Australia by Arthur M. Scott and Gerald W. Prescott

Reprinted from Records of the American-Australian Scientific Expedition to Arnhem Land, Vol. 3, 1958

JHJ:rh

Freshwater Biological Laboratory
of the University of Copenhagen
HILLERØD . DENMARK

I beg to acknowledge with thanks the receipt
of your paper *Notes on Indonesian
Freshwater Algae II (1956)* and
*Einige Desmidiaceen aus Peru
(1957)*.

Günmar Nygaard

Hillerød, 5th Febr. 1956

Dr. A. M. Scott
New Orleans

Dear Sir,

Lecturer Berit Asmund and I intend to work on the genus *Mallomonas* with the aid of the electron-microscope. Will you help us with some material? We greatly appreciate plankton material in formalin or alcohol. Also plankton dried up on slides will do. If you will be so kind as to help us, please send the material to Freshwater Biological Laboratory, Hillerød, Denmark.

Yours sincerely

Berit Asmund

Jørgen Nygaard

March 6 1956

Lektor Gunnar Nygaard,
Klostervej 13,
Hillerød, Denmark.

Dear Lektor Nygaard,

I should be delighted to help you if I could, and if you had asked for desmids I could supply you with any one of several hundred species from USA or certain tropical countries.

But I am sorry that I cannot be of any assistance with Mallomonas. Because I am interested solely in desmids I pay no attention to the other algae, and I should not ^{know} where to look for Mallomonas among the many hundreds of collections that I have on hand. It is my impression that I have seen Mallomonas very seldom, and only as single rare individuals, never in quantity. Perhaps the reason for its scarcity is that I have very few plankton collections; nearly all of my material is squeezings and strippings from many kinds of aquatic plants, which I found long ago yield both a larger number and wider variety of desmid species than the plankton net. Also most of my material comes from soft acid waters, pH from 5.0 to 7.0, rarely higher; perhaps such water is not favourable for Mallomonas.

At the present I am doing no collecting, but am working up the large accumulation of desmid drawings for publication in collaboration with Dr. Rolf ^{Hubold}.

I have never been able to make permanent mounts of desmids, but occasionally I have tried to deal temporary mounts by running melted paraffin wax or vaseline between the slide and the cover glass. This is not successful because the water slowly evaporates although the space seems completely filled with the sealing material. A few months ago I hit on something else that looks promising, though I do not know how long the mounts will last. On my slides I use a cell made by running a ring of lacquer (nail polish that my wife uses), which may be from 25 to 100 μ high, depending on the size of the desmids that I expect to find. On this cell I use a square cover glass because the projecting corners enable me to manipulate the specimens under observation. When a drop of water is placed in the cell and the coverglass placed on it, the water overflows outside the cell, but it evaporates in an hour or two, while the water in the cell remains unaffected. After the water outside the cell has evaporated, hastened by gentle heat if necessary, I apply a drop of "lacquer thinner" (amyl acetate, or xylol) to the edge of the cover glass, and it spreads all around the cell, dissolving the surface of the lacquer and causing the cover glass to adhere tightly. After standing overnight I apply a drop of diluted clear lacquer (nail polish) which runs between the glasses into the crevice between the lacquer ring and the coverglass, completing the sealing. A circular coverglass would make a neater job, but it should be somewhat larger than the lacquer cell. So far, about 2 months, there has been no sign of loss of water, while other mounts sealed with paraffin and vaseline show distinct signs of drying up. Anyway, the method is very easy and you might like to try it.

With best regards, sincerely yours,

Apl 12 1955

New Orleans Public Service, Inc.,
City.

Gentlemen,

My residence at the above address will be closed from May 2nd until the first week in September, while we are in Europe. There will be nobody to pay bills, so I hope you can arrange to hold this month's billing until we return, or if you wish I could send you a deposit to cover it.

Please phone me at WA 6741 and advise if there is anything special that I should do.

Very truly yours,

Digitized by Hunt Institute for Botanical Documentation

NATIONAL SCIENCE FOUNDATION
WASHINGTON 25, D. C.

March 16, 1954

Dr. Arthur M. Scott
2824 Dante Street
New Orleans 18, La.

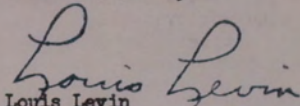
Dear Doctor Scott:

I am writing with regard to your application for a grant to support your travel to the VIII International Botanical Congress.

I am sorry to inform you that we are unable to make the grant you requested. We received so many applications as compared to the amount of funds we had available for this purpose that we have been able to satisfy but a small proportion of them. Consequently, we are unable to make the travel grants requested by many worthy applicants.

We are indeed sorry that we are unable to help you at the present time. If, in the future, we can be of service in some other way, please feel free to call upon us.

Sincerely yours,


Louis Levin
Program Director
Regulatory Biology

NATIONAL SCIENCE FOUNDATION
WASHINGTON 25, D. C.

January 8, 1954

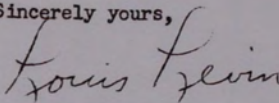
Dr. Arthur M. Scott
2824 Dante Street
New Orleans 18, La.

Dear Doctor Scott:

This is to acknowledge receipt of your application for a grant in support of your proposed travel to the VIII International Botanical Congress. Your application will be considered along with those of other individuals who are requesting travel grants. When we have further information on this matter we will communicate with you.

It may be of interest to you to know that, according to present plans, grants in support of travel to the Botanical Congress will be for the sum of \$400 plus an amount approximately equal to the cost of round-trip coach fare between the grantees home and the point of embarkation. Individual support is being kept at this minimum level in order to permit aiding as many worthy investigators as possible.

Sincerely yours,



Louis Levin
Program Director
Regulatory Biology

NATIONAL SCIENCE FOUNDATION
WASHINGTON 25, D. C.

November 18, 1953

Mr. Arthur M. Scott
2824 Dante Street
New Orleans 18, Louisiana

Dear Mr. Scott:

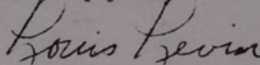
In accordance with your request of November 16, 1953 we are enclosing herewith 3 copies of our Form No. 811 whereby you may make application for support of your contemplated travel to the VIII International Botanical Congress. Please return 2 copies to the Foundation. The remaining copy may be retained for your own files.

When you fill in the blanks, will you include your age or date of birth which, through oversight, is not requested in the blank. Also, in answering question 15, interpret it to mean "Will you present a scientific paper, lecture, or otherwise participate."

The Committee which will evaluate such requests for travel assistance has asked that each applicant submit supporting letters from two scientists who can give a statement concerning the worthiness of supporting the applicant's travel. Eight copies of each such letter should be submitted.

I call your attention to the fact that the deadline for receipt of applications for travel to the Botanical Congress is January 1, 1954. Applications received after that date cannot be considered.

Sincerely yours,



Louis Levin
Program Director
Regulatory Biology

Dec 28 1953

National Science Foundation,
Washington 25, D.C.

Gentlemen,

Enclosed are duplicate copies of my application for a grant to defray travel expenses to the VIII International Botanical Congress, to be held in Paris in July 1954. Also enclosed are the required eight copies of letters of recommendation from two scientists who are quite prominent in the field of phycology.

Since I have been obliged to answer "No" or "None" to many of the questions on the application blank, some words of explanation may be in order. For more than 30 years I have been interested, as an amateur, in aquatic microscopy, and for the last 15 years I have been doing serious scientific work on one family of fresh-water algae, the Desmidiaceae. During the last 10 years I have acquired considerable international recognition for the excellence and accuracy of my camera-lucida drawings of desmids, which several authorities have told me are among the best that are being produced today. During all this time I have been working entirely alone, and have never been connected with any institution; all my expenses, amounting to a good many thousands of dollars, have been paid out of my own pocket. This has been possible because I have been a partner in a small business that has paid me a fairly good income. But at the end of this year I am retiring permanently from business. This will leave me plenty of time for scientific work, but my income will be greatly reduced, so that I shall have to watch my expenditures very carefully.

The proposed trip to the International Botanical Congress in Paris, with its proposed extension to Germany, Sweden, and Finland, will be the last long trip that it will be possible for me to make during the remainder of my lifetime. Therefore I wish to express the very earnest hope that you will be able to take favorable action on my application.

Very truly yours,

Arthur M. Scott.

APPLICATION FOR GRANT IN SUPPORT OF
ATTENDANCE AT INTERNATIONAL SCIENTIFIC MEETINGS

I - GENERAL INFORMATION	
1. Name of applicant Arthur M. Scott, Age 66.	6. Field of scientific interest Fresh-water algae, - Desmidiaceae.
2. Department None	
3. Institution None	7. Name, date and location of international scientific meeting last attended I have never attended any international scientific meeting.
4. Address of institution	
5. Mailing address (if different from above) 2824 Dante Street, New Orleans 18, LA.	
II - INTERNATIONAL SCIENTIFIC MEETING TO BE ATTENDED	
8. Name of meeting VIII International Botanical Congress	
9. Meeting sponsored by (name of scientific society, government agency, or other group or organization) The principal botanical societies of the world.	
10. Place of meeting Paris, France.	11. Inclusive dates From: July 2 To: July 14 1954
III - PURPOSE OF ATTENDANCE	
12. Official delegate: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> . If yes: Voting <input type="checkbox"/> Alternate <input type="checkbox"/>	
13. Official representative of scientific society, government agency, or other group or organization: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> . If yes, give name of society, agency, etc.	
14. Member of national or international commission: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> . If yes, give name of commission	
15. Invited to give scientific paper, lecture, or otherwise participate (e.g. in a colloquium or symposium) Yes <input type="checkbox"/> No <input type="checkbox"/> . If yes, give title of paper or lecture or indicate nature of participation I am preparing a paper entitled "New and Rare Desmids from Indonesia and Northern Australia", for presentation at the Congress.	

(OVER)

III - PURPOSE OF ATTENDANCE (cont'd)

16. Other purposes (specify)

17. Relationship of meeting to own research program or other scientific interests
 My principal reason for attending the Congress is to make personal acquaintance with several European phycologists with whom I have corresponded for several years. Also I wish to obtain first-hand information about the methods of desmid culture employed at the Laboratoire Cyyptogamique in Paris. After the Congress I intend to visit (at my own expense) Germany, Sweden, and Finland, to see Dr. W. Krieger, Lektor Einar Teiling, and Dr. Rolf Grünblad, respectively, who have written me that for financial reasons they will not be able to attend the Congress. I am now collaborating with Grünblad in the study of an extensive series of desmid collections from southeastern USA, and another series from Brazil.

IV - ANALYSIS OF GRANT REQUIREMENTS

18. Estimate of travel costs (indicate only those costs for which grant is requested from the National Science Foundation):

Travel in U. S. \$ _____
 Oceanic Travel _____
 Sea 550.00
 Air _____
 Travel in foreign countries 150.00

(Field excursions)

Other costs (itemize)
 Hotel rooms, meals, taxis, tips, 14 days 210.00

Total \$ 910.00

20. Other financial or travel assistance anticipated (include Government air, sea, or rail transportation)

Source	Amount
None	\$ None
_____	_____
_____	_____
_____	_____
Total	\$ _____

21. Tentative dates of departure and return

Departure June 10 Return Sept 15 1954

22. Proposed Itinerary
 By cargo-passenger steamer from New Orleans to Bordeaux or Le Havre, thence by train to Paris. Return from London or Liverpool by cargo-passenger steamer to New Orleans.

Trips from Paris to Berlin, Stockholm and Helsinki probably by air, at my own expense, (unless you want to help with these also).

19. Does your institution ordinarily defray travel expenses of staff members invited to attend international scientific meetings

Yes No I am not connected with any institution.

Signed

Date

Will Scott
Dec 28/53

INSTRUCTIONS: Submit original only to: NATIONAL SCIENCE FOUNDATION
 WASHINGTON 25, D. C.

UNIVERSITE DE MONTREAL
INSTITUT BOTANIQUE
4101 est, rue Sherbrooke
MONTREAL 36 CANADA

21 December 1953

TO WHOM IT MAY CONCERN

This is to certify that Mr. Arthur M. Scott, of New Orleans, who is applying for a grant to enable him to attend the 8th International Botanical Congress, Paris 1954, is personally known to me and fully deserves the financial help he is requiring.

Mr. Scott has been doing remarkable free-lance scientific work for the last 15 years on the Desmids of Louisiana, Florida, the West Indies and South America. His pioneer work has contributed much to our knowledge of that group of freshwater Algae, which were very ill-known in said regions until Mr. Scott started devoting his spare time, his ingenuity and a not inconsiderable sum of money to that study.

His meritorious efforts have made him known to all American and European specialists, and nothing is more legitimate that Mr. Scott's desire to meet those specialists in Paris in July 1954 and discuss with them the results of his researches, while attending the 8th International Botanical Congress.

Jules Brunel
Jules Brunel
Director,
Botanical Institute
Université de Montréal.

MICHIGAN STATE COLLEGE
EAST LANSING

December 15, 1953

DEPARTMENT OF BOTANY AND
PLANT PATHOLOGY

National Science Foundation,
Washington 25, D. C.

Dear Sirs:

It gives me pleasure to support the application of Mr. Arthur M. Scott for a grant-in-aid for travel to the forthcoming International Botanical Congress, meeting in Paris, July, 1954.

Mr. Scott is an active worker and has made substantial contributions to Phycology. He has published scholarly papers on his studies of algae both from this country and from foreign collections. Mr. Scott would profit greatly from attendance at the Congress and in meeting professional colleagues with whom he has long been in correspondence. I sincerely believe that his gains would be reflected in his subsequent contributions to Botany in the United States.

Yours very truly,

G. W. Prescott

G. W. Prescott
Professor of Botany

Nov 16 1953

National Science Foundation,
Washington 25, D.C.

Gentlemen,

Please send me the necessary blanks for an application for
a grant to defray partial travel expenses to the 8th International Botanical
Congress, to be held at Paris in July 1954.

Very truly yours,

Digitized by Hunt Institute for Botanical Documentation

Feb 11 1952

Lektor Gunnar Nygaard,
Sønderlundvej 5,
Herlev. Denmark.

Dear Lektor Nygaard,

Many thanks for sending me the preprint of your paper on making permanent fluid mounts of plankton organisms. This strikes me as being a very valuable addition to the literature on slide-making, and I am glad to think that I had a small part in it by introducing you to the papers by D. S. Spence. By the way, did you send a copy of your paper to Dr. Spence; I am sure he would like to see it. I can dig up his address if you do not have it, or you could send it in care of the Editor of "The Microscope".

I think you will be interested in knowing that my wife and I visited Panama last December; a quick trip by aeroplane. Of course I tried to get some desmid collections, but I was rather disappointed at the results. Because of the Korean war, access to the Canal locks was prohibited, and I was surprised to find that the Canal, and Gatun Lake, is accessible by road at only two or three spots. Therefore it would be necessary to take a boat in order to explore the shores of the lake, and I did not have time for that. So I was reduced to making collections from such roadside ditches and ponds as I could find, and these were very few. For the last month I have been examining my gatherings, and so far I have found about 80 desmids; a fairly good assortment, but so very few in number that the search requires a long time and much patience. In some of my rich Florida collections I could find and list 80 desmids in a couple of hours. There is one new species of Euastrum, and a couple of Cosmaria that may perhaps be new; also a number of additions to the long list published by Prescott (Trans. Am. Micros. Soc. LXX: 1, 1-24, 1951), a copy of which I suppose he sent you.

Thanks also for the copy of your paper describing your simple micro-manipulator. If you have another copy of this, will you please send it to:

Mr. Paul S. Conger,
Smithsonian Institution,
Washington, D.C. USA.

Mr. Conger is Curator of the diatom collection of the Smithsonian Institution, and I think he could use your manipulator, though he claims to be able to isolate and clean a single diatom, by means of acids, on a microscope slide, under a magnification of 100x or more, and then to mount it in balsam or Hyrex.

With my best regards,

Sincerely yours,

The Florida State University

Tallahassee

DEPARTMENT OF
BACTERIOLOGY AND BOTANY

March 31, 1950

Mr. Arthur M. Scott
2824 Dante Street
New Orleans 18, La.

Dear Mr. Scott:

Under separate cover I am mailing you the Check List of Algae which you requested in your letter of March 23rd.

The article by Dr. Dickinson is contained Volume 11, Numbers 2-3 in the Florida Academy of Sciences. The cost of Numbers 2-3 is \$1.50 . The Academy does not send reprints of the various articles. Dr. Dickinson is in the Department of Biology, the University of Florida at Gainesville. It may be he has reprints for distribution. In the event you wish to purchase the Journal, please advise me.

Sincerely yours,

C. S. Nielsen

C. S. Nielsen
Associate Professor

CSN:hw

Hellerup, Sundvej 12;
june 26th, 1950.

Dear Dr. Scott,

after having gone through all our examinations at the gymnasium I will take the opportunity to write to you and thank you for your kind letter of april 8th, 1950.

Just to morrow I am travelling to our new laboratory at Silkeborg in the middle of Jutland, where I shall lead our yearly limnological course for the Copenhagen University students in botany. In that part of Denmark we have many different biotopes and it will be very interesting to get close contact with these them.

On july 11th my wife and I are going to Stockholm in order to participate in the 7th International Botanical Congress. I should like to meet you on this occasion, but perhaps your business will prevent your participation? For some days after the Congress I will be studying by professor Skuja. You are right: Skuja's drawings are not so outlined as my figures and after my opinion therefore more correct. But many scientists prefer, as you, drawings containing only the supposed characteristic features.

Gatun Lake is an interesting locality. Last year I reexamined professor Ostfeld's plankton samples in order to get a clearer apprehension

of the few limnetic desmids there, especially a better definition of the new species I described in 1925. In due time I may give a contribution to the problems.

All my reprints of the papers "Plankton from two lakes of the Malayan region" 1926 and "Freshwater algae and plankton from the Transvaal" 1932 are exhausted long ago, but if I succeed in getting some reprints I will be happy to send them to you.

Thank you for your kind offer to send me type material of your desmids. If I come across of some of your species I will be glad to accept your offer. Likewise my slides of type specimens isolated by my micro-manipulator are at your disposal.

Just as you I am not "Dr." Several scientists and others have occasionally appointed me professor, but this appointment was never followed by an increase of salary! - One of my previous students, now engineer and concrete-boiler in Nicaragua, has kindly offered me to collect plankton samples from Nicaragua Lake and Managua Lake.

With kind regards and my best wishes for your scientific results,

Yours sincerely,
Gunnar Nygaard.

April 8 1950

Lektor Gunnar Nygaard,
Sundvej 12,
Hellerup, Denmark.

Dear Prof. Nygaard,

I received your postcard of Mch 6th, and have been waiting anxiously for the parcel, which arrived safely the day before yesterday. Please accept my best thanks for your kindness.

The book on Hydrobiological Studies is really excellent, and represents an enormous amount of work. So far, of course, I have had time only to glance through it; it will require much longer to read it, and still longer to study and appreciate its full worth. I have not read much about limnology, and the concept of phytoplankton quotients is quite new to me, though I have naturally recognized the difference in the quantity of desmids with respect to the other algae, in the various kinds of habitats. As a matter of fact, since I am interested solely in desmids, I do not collect from waters that are obviously eutrophic or polluted, and which can be recognized by the types of larger aquatic plants. For instance, New Orleans is entirely surrounded by swamps, marshes, lakes, and bayous (small sluggish streams), which contain plenty of Chlorophyceae and Myxophyceae, but are practically devoid of desmids. It is necessary for me to go about 50 miles from the city into an entirely different kind of country with highly acid sandy soil, before I find desmids in any quantity.

I like your drawings very much, far better than Skuja's in his book on Burmese algae. His drawings are excellent representations, but they are too black with unnecessary stippling, which I think detracts from their clarity. Your illustrations are considerably larger than usual, making it easier to draw the small details clearly, and easier for the reader to study them. My camera lucida drawings of the average size desmid (from 20 to 100 μ) are made to a magnification of about 1500x, and for those of less than 20 μ I usually draw them to a magnification of 1800 to 2200x. But practically all of the botanical and microscopical journals in this country are published in the octavo size, necessitating a reduction of 2:1, or 5:2, or even 3:1. I draw my plates to all three of these scales, depending upon the size of the desmids illustrated. I wish it were possible to have my plates published in the quarto size, as this would make them show up very much better.

Your paper on Gatun Lake is also interesting, but I must confess I am little surprised that so few desmids are represented. No doubt this is due to the small number of samples, and the fact that they are plankton gatherings. Prof. Prescott has recommended Gatun Lake very highly for desmids. He collected there a few years ago, and I think he has a paper on the subject which will be published shortly. I have in mind the possibility of flying down there next Christmas, which is the only time of the year that I can get away from the business for more than 2 or 3 days, but there is nothing definite about the project which will depend on financial conditions at the end of the year.

At the present time I am working up the desmids in a small lot of gatherings from Arnhem Land in North Australia, a practically unexplored region. The desmid-flora is of the Indo-Malayan-Australasian type, and I have found many of the plants described by Borge (1896) from Queensland. Also I have found two

of the new species described by Skuja from Burma, *Staurostrum octodontum* and *Eusstrum ~~makintum~~ diplostauron*, though the latter differs slightly from my plant and from Borge's original illustration. I think your paper of Plankton of Two Lakes of the Malayan Region would be helpful in identifying some of the strange desmids in this Australian material, and if you can spare a copy I should be grateful for it, and also your Transversal paper.

Would you like to see some of my algal material from southern United States? I have several hundred collections, many of them quite rich, and containing a lot of new and rare species. I should gladly send you some in return for your kindness, as I have already done with Lektor Einar Teiling and Dr. Rolf Grönbled.

Perhaps Teiling has told you that I am an engineer and not a botanist; also I am not a "Dr.", just plain "Mr." The collection and study of desmids has been my hobby for the last twelve years, and I have acquired a pretty good acquaintance with the desmid-flora of southern U.S., but this region has been so little worked, and is so extremely rich, that I am finding many new, rare and puzzling forms which I am quite unable to identify, owing to lack of experience and lack of literature. Prescott has very generously permitted me to collaborate with him for the last 10 years, and he is the one who checks my identifications and determines those which I cannot identify, and write the majority of the descriptions. Unfortunately he is extremely busy and it is only occasionally that he can spend much time on my affairs, so that the process of getting my desmids published is very slow.

With my best regards and thanks,

Sincerely yours,