Mycological Society of America

NEWSLETTER

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MYCOLOGICAL SOCIETY OF AMERICA NEWSLETTER
Vol. XIX, No. 2 December, 1968

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Cover: This photograph of her father was selected from the family album by Mrs. Charles M. Rick, Jr., of Davis, California, as being his most typical pose during her childhood.
To the Members of the Mycological Society of America

The year 1969 will be an unusual one for the Society. It is the year of the Eleventh International Botanical Congress to be held in Seattle, Washington, August 24–September 2, 1969. Because of this meeting the Board of Councilors, at the Columbus, Ohio, meeting, decided that we will not meet with AIBS in Vermont during 1969 and that no formal annual meeting will be held. All business of the Society for 1969 will be handled by mail. Members who have questions, problems, or suggestions for the Society should contact the President or the Secretary-Treasurer.

A reception for all mycologists attending the Botanical Congress in Seattle will be sponsored by the Mycological Society of America. I hope to see many of you there.

The 1969 annual foray will be held somewhere in the eastern part of the country. Vice-President R. P. Korff is making the arrangements.

The questionnaire returns regarding an International Mycological Congress indicated that a majority of our members favored such a Congress. Recent communication from the British Mycological Society indicates that its members also favor a Mycological Congress. The President of the Mycological Society of Japan has proposed that a Federation of Mycological Societies be formed, the main duty of which would be to organize international meetings of mycologists. Thus it appears that mycologists in general favor such a project. Communication with other societies will continue and perhaps the First International Mycological Congress can be scheduled for 1971 or 1972.

I would like to remind members of the exceptional opportunity available for the publication in MYCOLOGIA MEMOIRS of good manuscripts too lengthy to be acceptable in Mycologia. Publication without cost to the Society or to the author or his institution can be arranged for at least two MEMOIRS per year. Manuscripts are considered by the Mycologia Memoirs Committee. Authors should contact the Chairman, Dr. Leland Shanor.

Happy New Year to all of you. I will look forward to seeing you either on the foray, or at the Seattle Congress, or both.

Sincerely,

[Signature]
Clark T. Rogerson
President
President Simmons then announced the names of officers incumbent and newly elected for 1968:

1. Elected to Your Membership Howard W. Johnson, Arthur G. Kovorkian, Francis S. Scully, and George W. Weber;
2. Elected to Life Membership Harry S. Thiers on payment of a lump sum contribution which has been added to the Life Membership Fund;
3. Determined by unanimous vote that the Society would sponsor or co-sponsor a Mycological Foray in 1969 to be held at a time and place to be determined; (See Item F-I, p. 8)
4. Approved the appropriation in 1969 of $450.00 as financial support on a continuing basis for the endowment of ATCC curators;
5. Approved the appointment to the Executive Board of MYCOLOGIA of E. L. Barnett for the period 1969-1973;
6. Determined that the Society would act upon favorably by a granting agency;
7. Determined that the Society would not establish a permanent executive office in Washington in conjunction with AIBS as we had been invited to do;
8. Heard the report of the Nominating Committee on election of new officers and members of the Board of Councillors for 1969;
9. Adjourned at 11:15 p.m.

II. MINUTES: Annual Business Meeting

President Simmons called the Business Meeting of the Society to order at 8:30 a.m., September 4, 1968, in Room 200, Campbell Hall, Ohio State University.

The Secretary-Treasurer moved that the reading of the minutes of last year's business meeting be omitted since they had been published in full in the NYS NEWSLETTER 19 (2): 6-7, 1968. The motion was seconded and carried.

The Secretary-Treasurer read his report covering the business, finances and membership activities of the last year, together with a 3-year overview on his retirement from this office. The report was approved.

The report is hereby unanimous vote that the Society's contribution to the preparation of such a volume on genera of fungi in the event that a final proposal is acted upon favorably by a granting agency;

10. Discussed at length the question of Society support for establishment of International Mycological Congresses in view of the interest expressed in the preferential poll taken in December, 1967, of the Society membership, and decided that official action by the Society at this time was inappropriate, and that further action by the Council will occur;
11. Determined that Society would not establish a permanent executive office in Washington in conjunction with AIBS as we had been invited to do;
12. Heard the report of the Nominating Committee on election of new officers and members of the Board of Councillors for 1969;
13. Adjourned at 11:15 p.m.

[Continued on the next page]
reached this goal and we should receive a royalty payment later this year. All income received by the New York Botanical Garden from the sale of Mycologia Memorie goes into a Mycologia Memorie fund and can be used only for the publication of future Mycologia Memorie.

APPROVED.

The Secretary-Treasurer presented the Report of the Board of Councilors for 1968.

APPROVED.

Dr. Wm. Bridge Cooke and Dr. J. A. Schmitt commented on the success of the MSA foray, despite the dry spell which had severe effects upon the fleshy fungus flora. Dr. Cain moved that the Society express to these two members, who served as Co-Chairmen of the Foray, and to Dr. Wayne Ellott of Ohio State University, the Society's sincere thanks for their efforts in making the foray a success. The motion was unanimously approved.

The Secretary-Treasurer then presented a slate of candidates for election. All were elected. (See Item C-I, p. 7)

There being no items of Unfinished Business, the Society then considered New Business.

Dr. Kenneth Raper rose to raise a question on the present status of the Mycology Guidebook. Dr. Ralph Emerson, a member of the Mycology Guidebook Committee, answered in the absence of the Chairman of that Committee that a meeting of the Committee had been held the previous day, and that a decision had been reached to attempt completion of the Guidebook in a two-step phase, with the production of a rough, preliminary draft perhaps by next year at this time, that very possibly this preliminary draft would be reproduced in a multilith edition for testing and appraisal by mycologists prior to final production of a draft perhaps two years later suitable for publication.

Dr. Raper, who is Chairman of the U.S. National Committee of the XI International Botanical Congress, also called attention to the fact that the five-day Mycology Field Trip to the Olympic peninsula which had been announced in the first Congress circular has been cancelled on the advice of Dr. Stuntz of the University of Washington, whose opinion it was that this would be a very poor time of year for collecting fungi there. Dr. Raper emphasized that the Congress did not block out a mycology trip, but acted on the advice of the local agri-cologist. There will, apparently, be some opportunity for a post-Congress field trip being arranged by Dr. Alexander E. Smith. The second Congress circular will contain information on this.

Dr. C. R. Benjamin then rose to move a vote of thanks to the officers and councillors who have served this year.

There being no additional new business, the meeting was adjourned at 9:15 a.m. President Rogerson then assumed the chair, and President Simmons presented his Presidential Address as retiring president, "Perfect states of Stemphylium."

III. ANNUAL REPORT: Secretary-Treasurer

This report covers the fiscal records of August 1, 1967 to July 31, 1968, and the membership records of August 10, 1967 to August 26, 1968.

1. SPECIAL BUSINESS: The major unusual items of business transacted during the year have been the payment of $2000 to the XI International Botanical Congress as support from the Society, representing the first payment of the $3500 to be paid over a two-year period, and the first award of the Society's annual Graduate Prize for a paper presented at the annual meetings by a graduate student or recent Ph.D. The membership was polled and adopted two changes in the Bylaws: one raised the minimum dues for Sustaining Members to $100 annually; the other established a Committee on Education as a Standing Committee of the Society.

2. FINANCIAL CONDITION: (See Item IV; ANNUAL REPORT: Auditing Committee, p. 6)

   a. Investments at the present time consist of:

      (1) Life Membership Fund
          (a) $500 face value of U.S. Treasury bonds at 2 1/2% interest.
          (b) $500 in the savings account.

      (2) Memorie Fund of $4266.39 in the savings account.

      (3) Research Grants & Publications Fund of $4479.18 in the savings account.

      (4) Operational Reserve Fund
          (a) $1500 face value of U.S. Treasury bonds at 2 1/2% interest.
          (b) $1000 in the savings account.

   b. Operating Account: During the period covered by this report, the Society collected $11,781.39. Operating expenses and transfers from this account to the savings account totalled $11,503.92. Receipts exceeded disbursements by $201.53. Disbursements exceeded receipts by $199.97. The total, $499.97 was transferred to the Operational Reserve Fund.

   c. Savings Account:

      (1) As of 31 July 1968, there were 26 Sustaining Members in the Society. A total of $1850 was received from them in 1967.

      (2) Interest on U.S. Treasury bonds totalled $50; interest on the savings account was $459.97. The total, $499.97 was transferred to the Memorie Fund.

      (3) A transfer of $1000 from the active operating account to the Operational Reserve Fund was made.

      (4) A transfer of $1000 from the Operational Reserve Fund to the active operating account was effected in order to support the XI International Botanical Congress.

   d. NSF Grant: The National Science Foundation Grant awarded to the Society in September, 1963, is handled through a Special Checking Account in the Framingham Trust Co., Framingham, Mass. NSF Grant Funds are restricted to the use of the Society's Mycology Guidebook Committee and are accountable and returnable to NSF on demand or if unused. Of the original grant of $54,690, instalments
totaling $12,625 have been received. Expenditures have been $11,322.64, leaving a cash balance of $1302.36 and a balance due of $12,065.

3. MEMBERSHIP: As of August 26, 1968, the Society counted 1140 regular members; 19 life members; 7 corresponding members; 21 emeritus members; 25 sustaining members; 6 affiliated societies; and 46 associates in its active file, a total of 1264, representing a net gain of 41 members in the past year. It is my sad duty to report to the Society the death of 15 members of the Society: James Theophilus Barrett (a charter member), Augusto Chavez Batista, Charles D. Chupp (a charter member), Don R. Creager (a charter member), Claude Wilbur Edgerston (a charter member), Henry Campbell Greene, Sylvia L. Laine, Ivar Jorstad (a charter member), Stanley Glenn Knight, Charles Lyman Porter (a charter member), George Smith, Irene Rollman, Jean M. Foley, J. A. Gammel (a charter member), and Leslie N. Gooding (a charter member). At the business meeting held at Ohio State University on 4 September 1968, 101 Regular Members, 1 Sustaining Member, and 7 Associates were elected to the Society.

As of November 25, 1968, the Society was constituted as follows:

- Regular Members: 1149
- Life Members: 19
- Corresponding Members: 7
- Emeritus Members: 23
- Sustaining Members: 25
- Affiliated Societies: 5
- Associates: 45
- Total: 1273

These figures include 17 Regular Members and 1 Associate who applied for 1968 after the Ohio meeting and thus have not been officially elected. In addition, 9 persons have already applied for regular membership to begin in 1969.

A Three Year Overview

Past Secretary-Treasurers have availed themselves of this chance to comment briefly on their term of office, and I shall continue the habit (for surely in a Society as young as this one, traditions can scarcely have been said to be established).

The duties of the Secretary-Treasurer for his 3-year service fall into two broad areas: membership and financial operations. Previously he was also responsible for the annual program, but the establishment of the position of Program Chairman has relieved the office of this major task. The MSA NEWSLETTER was also formerly edited by the Secretary-Treasurer, and though the incumbent has served as Co-Editor with his colleague, Mr. Sanchez, the editing and preparation of the Newsletter should no longer be considered a necessary duty of the office of Secretary-Treasurer.

FINANCES: Our assets (in cash and savings) have increased in the three year period from $12,329.08 to $14,689.86, an increase of $2,360.78. Our healthy financial position seems assured for the foreseeable future.

MEMBERSHIP: Total membership in the Society has increased from 1092 to 1264 in the past 3 years, an increase of 172 members. It seems probable that the rapid growth phase of the Society is nearing its end, since we had an increase of 316 members in the three-year period prior to this one.

In closing, I wish particularly to thank the officers and committee chairmen for their help and kind indulgence. To my successor I consider it an honor to have served the Society in this role. I cannot leave office without giving a special word of thanks to the two members whose patience I could not have functioned, Mrs. Bonnie Pritchard and Miss Patricia Lounsbery, of Cornell University's Department of Plant Pathology. The frequent assistance and forbearance of Apalinar Sanchez, Senior Curator of the Department Herbarium, and of my several graduate students, is likewise gratefully acknowledged.

IV. ANNUAL REPORT: Auditing Committee

Your Auditing Committee has examined the records of the Secretary-Treasurer, Richard P. Korf, for the period 1 August 1967 to 31 July 1968 and has found them to be correct. The present financial status of the Society is as follows. The checking account is maintained with the Tompkins County Trust Co., Ithaca, N.Y., and the Savings Account with the Ithaca Savings Bank, Ithaca, N.Y.

1. Assets (Unencumbered):
   a. Balance in Checking Account: $2,038.29
   b. Savings Account Balance: $10,665.57
   c. U.S. Treasury Bonds (two $1000 at face value): 2,000.00
   d. Petty cash and postage: 6.00
   TOTAL (Unencumbered Assets): $14,689.86

2. Liabilities, none: $0.00

/s/ George S. Abawi - Auditing Committee
J. Kiefer

V. AWARD: Annual Graduate Prize

The Committee on Research Grants and Publications announces that the annual Graduate Prize was awarded to Jerome Motta of the University of California, Berkeley, for the paper he presented before the Society at the Columbus meeting. Dr. Motta's paper was entitled, "Somatic nuclear division in Armillaria mellea, a

Prior to going to the University of California where he studied with Dr. Melvin S. Fuller, Dr. Motta obtained his master's degree under the direction of Dr. Harry Thiers at San Francisco State College. His Ph.D. thesis, which was completed in June, 1968, was entitled, "Cytology and Morphogenesis in Armillaria mellea", and included morphological, histochemical, ultrastructural, and physiological study of the rhizomorph. Dr. Motta is presently doing postdoctoral work on fungal physiology with Professors Weinhold and Hancock in the Department of Plant Pathology at the University of California.

The next prize will be awarded at the Society's 1970 meeting at Indiana University.
C. ORGANIZATION: 1968-1969

I. OFFICERS AND COUNCILORS

President, 1968-69
Past President, 1968-69
President-Elect, 1968-69
Vice-President, 1968-69
Secretary-Treasurer, 1968-71
Vice-President, 1968-69
President, 1968-69
R. P. Korf, Dept. of Plant Pathology, Cornell University, Ithaca, N. Y. 14850
R. L. Shaffer, University Herbarium, University of Michigan, Ann Arbor, Mich. 48104
E. S. Luttrell, Dept. of Plant Pathology, University of Georgia, Athens, Ga. 30601
R. H. Peterson, Dept. of Botany, University of Tennessee, Knoxville, Tenn. 37916
A. L. Welden, Dept. of Botany, Tulane University, New Orleans, La. 70118
H. D. Thiers, Dept. of Biology, San Francisco State College, San Francisco, Calif. 94132
S. J. Hughes, Plant Research Institute, Ottawa, Ontario, Canada
C. T. Rogerson, New York Botanical Garden, Bronx, N. Y. 10458
C. W. Hesseltine, National Fungus Collections, Beltsville, Md. 20705
E. G. Simmons, Pioneering Research Laboratory, U.S. Army Natick Laboratories, Natick, Mass. 01760

II. REPRESENTATIVES TO SCIENTIFIC ORGANIZATIONS

Representatives on the Council, American Association for the Advancement of Science (2-year term). To be appointed.


Board of Trustees, American Type Culture Collection (3-year term) 1968-70, C. R. Benjamin, National Fungus Collections, Beltsville, Md. 20705.

National Research Council (3-year term, beginning 30 June) 1967-70, C. W. Hesseltine, Northern Regional Research Laboratory, Peoria, Ill. 61604.

Agricultural Research Institute (3-year term) 1967-69, C. L. Lefebvre, U.S. Department of Agriculture, Washington, D.C. 20250

Alternate: Marie L. Farr, National Fungus Collections, Beltsville, Md. 20705.

III. EDITORS

MYCOLOGIA: Editorial Board

R. W. Lichtwardt, Editor-in-Chief, 1966-70, Dept. of Botany, University of Kansas, Lawrence, Kans. 66045
C. T. Rogerson, Managing Editor, New York Botanical Garden, Bronx, N. Y. 10458
H. L. Barnett, 1964-68, 1959-71, Dept. of Plant Pathology, West Virginia University, Morgantown, W. Va. 26506
R. P. Korf, 1965-69, Dept. of Plant Pathology, Cornell University, Ithaca, N. Y. 14850
L. Shamer, 1966-70, Dept. of Botany, University of Florida, Gainesville, Fla. 32601
T. Sproston, 1967-71, Dept. of Botany, University of Vermont, Burlington, Vt. 05401
H. E. Wheeler, 1967-71, Dept. of Botany, University of Kentucky, Lexington, Ky. 40506
G. R. Cummins, 1968-72, Dept. of Botany & Plant Pathology, Purdue University, Lafayette, Ind. 47907

(Book Review Editor: Alma W. Barkdale, New York Botanical Garden, Bronx, N. Y. 10458)

MYCOLOGIA MEMBERS: Board of Editors

L. Shamer, Chairman, Dept. of Botany, University of Florida, Gainesville, Fla. 32601
C. J. Alexopoulos, Dept. of Botany, University of Texas, Austin, Tex. 78712
R. P. Korf, Dept. of Botany, University of Illinois, Urbana, Ill. 61801
C. T. Rogerson, Managing Editor of MYCOLOGIA, Ex officio, New York Botanical Garden, Bronx, N. Y. 10458

MSA NEWSLETTER: J. G. Palmer, Editor, 1968-71, Forest Disease Laboratory, MSA 2, Box 263, Louvel, Md. 20810

IV. STANDING COMMITTEES

1. Committee on Finance
2. Committee on Mycological Mycology
3. Committee on Membership
   John E. Peterson, Chairman, 1968-77; Robert A. Shueyaker, 1968-69; Sam Sloane, 1968-70;
   Wm. E. Dennis, 1968-71; Donald H. Peterson, 1968-72.
4. Committee on Nomenclature
   R. P. Korf, Chairman, 1968-71
   J. W. Groves, 1968-69
   R. L. Shaffer, 1968-69
   Marie L. Farr, 1968-70
5. Committee on Sustaining Membership
   C. L. Kramer, Chairman, 1968-71
   R. A. Patterson, 1968-69
   M. A. Espenshade, 1968-70
   J. W. Groves, 1968-69
   R. T. Haard, 1968-69
6. Committee on Research Grants and Publications
   M. S. Fuller, Chairman, 1968-71
   J. Mantels, 1968-71
   Alma W. Barkdale, 1968-70
   C. L. Kramer, Ex officio
D. AFFILIATED SOCIETIES

called amateur mycologists. All produce news bulletins and other similar publications, and sponsor regular programs, especially collecting trips (in season). Members of the MSA would be well advised to seek membership in one of our affiliated societies if there is any chance of participation, since more active or keener groups of observers would be difficult to find. Those of us who have had the opportunity to collect with some of these "amateurs" will realize how little the "professional" mycologist may know about mushrooms in the field (or, for that matter, from a culinary viewpoint). These Societies are:

2. Gangs des Mycologues Amateure de Quebec, Dept. Biologie, Cite Universitaire, Ste-Foy, P.Q., Canada
5. Oregon Mycological Society, Donald Coget, Treas., 6548 S. E. 35th Ave. Portland, Ore. 97202

E. SUSTAINING MEMBERS OF THE SOCIETY


AEROPOSTAL TECHNIQUES, INC., 432 Frog Town Road, New Canaan, Conn.

AMERICAN OPTICAL CO., INSTRUMENT DIVISION, Buffalo, N.Y. 122 years of leadership in optics and 115 years of progressive achievement in microscopes.

BLOWER BIS and PALO DIVISIONS. Products for the microbiological laboratory.

BOKHAN COUNTY MUSHROOM FARM, West Winfield, Pennsylvania.

CAMPBELL SOAP COMPANY, Camden, New Jersey.

E. I. DU PONT DE NEMOURS & COMPANY, Complete line of microbiological reagents and media.

FISHER SCIENTIFIC COMPANY, Manufacturer-Distributor of laboratory apparatus & reagent chemicals. Mycological needs of all types in stock at convenient local branches.

HOPFMAU LA ROCHE, INC., Nutley, N.J. 07110. Pharmaceuticals, vitamins and aromatic chemicals.

LAB-LINE INSTRUMENTS, INC., Melrose Park, Ill., 60160. Quality manufacturers-designers of laboratory apparatus, instruments and equipment.

LANE SCIENCE EQUIPMENT CO. Complete line of museum storage cabinets -- especially herbarium cabinets -- airtight for permanent protection.

ELI LILLY AND COMPANY, 740 South Alabama Street, Indianapolis, Ind. Pharmaceutical, biologicals, and agricultural and industrial products.

THE GN. S. MERRELL COMPANY, Division of Richardson-Merrell Inc., Cincinnati, Ohio. Pharmaceutical manufacturers since 1828.

MILES LABORATORIES, INCORPORATED, Elkhart, Ind. Pharmaceutical and chemical research and manufacture.

NOVITCITIC PHARMACAL COMPANY, BATTERY LABORATORIES DIVISION, Norwich, New York. Ethical pharmaceuticals.


CHAS. PFIZER & Co., INC., 11 Bartlett Street, Brooklyn 6, N.Y. Fine chemicals and pharmaceuticals by means of microorganisms.

SCHERING CORPORATION, Bloomfield, N.J. Pharmaceutical manufacturers.

SCIENTIFIC PRODUCTS FOUNDATION, Evanston, Ill. Supported by companies dedicated to the biological sciences.

(Teacher company names on request)


THE WERNER LABORATORIES, INC., Morton Grove, Ill., 60053.


WALLERSTEIN INSTITUTE, Division of Baxter Laboratories, Inc. Research and production of enzymes and fermentation chemicals.


F. ANNOUNCEMENTS

I. 1969 FORAY PLANS

The Mycological Society of America will hold a foray in 1969 even though the formal meetings of the Society will not be held. Many MSA members will be attending the XI International Botanical Congress in Seattle, which will draw to a close on September 2. In lieu of a post-Congress field trip to the Olympic Peninsula for mycologists, which has been called off by the Congress in view of the low rainfall expected at that time of the year, there is a Special Mycology Workshop scheduled for the University of Michigan Biological Station, on Douglas Lake, near Pellston, Michigan. This Workshop, under the direction of Dr. Alexander H. Smith, will begin on Sept. 5, and last for 2 weeks. Many of the foreign mycological visitors to the Botanical Congress are expected to take part in this Workshop, as will many MSA members concerned with the higher fungi. Through the courtesy of Dr. Smith, and of Dr. Frederick K. Sparrow, Director of the Biological Station, arrangements have been made to allow the MSA Foray to be held jointly with the Workshop. The MSA Foray dates are tentatively scheduled for Sept. 9 - 13. Full details on the Workshop and on the MSA Foray will be provided to the membership at a later date by Vice-President Korf. This may be a fine opportunity for those who are unable to go to Seattle to meet some of the distinguished foreign mycologists who will attend both the Congress and the Workshop.
II. NOMENCLATURE SERVICE

Members who have nomenclatural problems of any sort, and who wish advice upon these, are requested to contact the Chairman of the Nomenclature Committee, Dr. Richard P. Korf, Plant Pathology Herbarium, Cornell University, Ithaca, N.Y. 14850, for assistance.

III. MYCOLOGIA MEMOIRS

The second MEMOIR is soon to come from the press and the manuscript for the third has been accepted by the Memoirs Committee. The Committee would like to remind MSA members that the MEMOIRS series is available for unusually long papers, monographs, and similar contributions. The Committee stands ready at all times to review manuscripts. Correspondence concerning these should be addressed to Dr. Leland Shanor, Chairman, Dept. of Botany, University of Florida, Gainesville, Fla. 32601.

G. PROFESSIONAL INFORMATION

(The number in parentheses following the name(s) refers to the address(es) for contact in Section I, which begins on p.17)

I. NEW MYCOLOGICAL RESEARCH PROJECTS

1. Myxomycetes
   a) Electron microscope and cytology of the protostelids (Mycetozoa). (I. S. Olive (1) and J. S. Furtado)
   b) Role of cell membranes during cell differentiation in slime molds. (I. K. Ross (2))
   c) Aging and rejuvenation in plasmodial slime molds. (I. K. Ross (2))

2. Phycomycetes
   a) Marine phycomycetes of Friday Harbor Area. (F. K. Sparrow (3))
   b) Study of the phycomycetes in soils of the mid-Hudson region. (H. H. Ho (4))

3. Ascomycetes
   a) A nomenclatural study: generic names of the Pezizales and attendant nomenclatural problems. (Joanne K. Rogers (5))
   b) Monograph of the Podospora-Phaeosphaeria complex. (D. N. Pfister (5))
   c) Cultural studies of Pezizales. (J. W. Paden (6))
   d) Studies of chromatin and nucleic acid interactions from differentiated cells of Neurospora. (S. K. Dutta (7))
   e) A study of spore germination of Chasmomyces thermophile. (C. L. Fergus (8))
   f) Cytomorphological studies on some members of Chasmothiales. (K. C. Mulerji (9))
   g) Investigation on the biomass of yeasts in the sea of the Strait of Georgia. (H. Seki (10))
   h) Investigation on the disease of Marine copepods by Metschnitkowia species. (H. Seki (10))
   i) Floristic and taxonomic study of the Mysteriales of the Pacific Northwest. (H. Gores (11))

4. Basidiomycetes
   a) Life cycles, host relationships and morphology of three North American grass rusts. (J. W. Baxter (12))
   b) Amanitas of North Carolina. (I. F. Grand (13))
   c) Boletaceae of North Carolina. (L. Y. Grand (13))
   d) Physiological and morphological study of black spored Agarics, genus Pezizus and genus Sterkophila. (G. N. Ola'n (14))
   e) Taxonomy and cultural studies on Aphyllophorales of western North America. (J. H. Giann (15))
   f) Genus Confophora - A taxonomic study. (A. R. Sill (16))
   g) Morphogenesis of basidiocarps in Truncates hispida. (N. Oshin (17))
   h) Cytology and sexuality of Truncates hispida. (N. Oshin (17))
   i) Studies on the relationship between forest insects and Polyporus solutus. (M. McClaren (18))
   j) Studies on the chemical dedifferentiation of homothallic basidiomycetes. (M. McClaren (18))

5. Deuteromycetes (Fungi Imperfecti)
   a) Studies on the genus Coniochaeta. (C. H. Blaszcz (19))

6. Multigrouping or Miscellaneous
   a) Taxonomy of fungi. (F. D. Calonge (20))
   b) Checklist and host index of the fungi of Colorado (Fumicolina). (S. Shukhn (21) and W. R. Sims (22))
   c) Mycorrhizal studies on hard woods in southern Ontario. (J. Y. Park (23))
   d) Physiology of wood-decay fungi from the Island Northwest. (A. D. Partridge (24))
   e) Some mycological studies of outside chip storage. (R. A. Smits (25))
   f) Soil microfungi in the grassland ecosystem. (M. Christensen (26))
   g) Soil microfungi of Vancouver Island. (J. V. Paden (26))
   h) Soil fungi of Argentina; ecology and taxonomy. (J. E. Wright (27))
   i) Panamanian soil and leaf litter fungi. (J. Kaniotis (28))
   j) Studies on microfungi of Erythrina poxosa leaf litter. (P. C. Missa (29))
   k) Effects of chronic gamma irradiation on microfungal populations in a forest soil. (S. E. Cochensur (30) and C. Woodwell)
   l) Marine fungi of Iceland. (A. R. Cavaliere (31))
   m) Marine fungi of Puerto Rico. (G. Betancourt (32))
   n) A study of fungi responsible for asthmatic bronchitis and allergic rhinitis. (G. Betancourt (32))
NEW COURSES IN MYCOLOGY


2. United States: East
   a) District of Columbia: Medical Mycology; No dates given. (S. K. Dutta (7))
   b) Maryland: General Mycology; Spring, 1969. (W. G. Anderson (36))
   c) Massachusetts: Introductory Mycology; Summer, 1969. (A. W. Thurston (37))
   d) North Carolina: Marine Mycology; Summer, 1969. (J. Kohlmeyer (38) and W. J. Koch)
   e) North Carolina: A NSF-supported Summer Short Course in Mycology is being held at the University of North Carolina in Chapel Hill, June 9-27. The course is sponsored by the Botanical Society of America and is designed to bring the 30 selected participants up to date on recent developments in the field. The teaching staff will consist of John Couch, Peter Day, A. J. Dominas, Melvin Fuller, W. J. Koch, L. S. Olive, John Raper, Kenneth Raper, and D. P. Rogers. (L. S. Olive (1))

3. United States: Midwest
   a) Minnesota (Lake Itasca Biology Station): Aquatic Fungi (by T. W. Johnson (41)); Introductory Mycology (by A. R. Cavaliere (31)); Lichens (by M. E. Hale); Summer, 1969. (Contact D. W. French (42))

4. United States: West
   a) California: Medical Mycology (MIT 210); Spring, 1969. (D. H. Howard (43))
   b) Colorado: Survey of Fungi. No dates given. (B. Reeves (17))
   c) Wyoming: Aquatic Botany (at Univ. of Wyoming Science Camp); Summer, 1969. (J. W. Baxter (12))

WITH REFERENCE TO CULTURES (MARKED (c) AND SPECIMENS (MARKED (s)) IN ITEMS III, IV, AND V.

The provisions of the Federal Plant Pest Act of 1965 and the Regulations issued thereunder require that plant pathogens shall move interstate under a permit issued by the Plant Quarantine Division, U.S. Department of Agriculture, Federal Center Building, Hyattsville, Md. 20781. Your requests for permits will be given prompt attention.

Fungi (cultures or specimens) for distribution

1. Myxomycetes
   a) 30 species (c) and (s) available in exchange. (R. Ling (44))
   b) Write for information. (L. McGraw (45))

2. Phycomycetes: Pythium app. (c). (O. Vaartaja (46))

3. Ascomycetes: Chaetomium (c.s.); Chaetomium (c.s.); Kerria (c.s.); Thielavia (c.s.); Lophomphalos (c.s.) (Not stated whether Eurotiales or Uredinales). (R. K. Seth (67))

4. Basidiomycetes:
   a) Phanerochaete cuncta (s) on Coccoreia; Peridermium sphaerus (s) on Ephedra trifurca. (J. W. Baxter (12))
   b) Rusts (Uredinales) and Agaricales (s). (C. Betancourt (32))
   c) Thelephoraceae (s). (M. J. Larsen (23))

5. Deuteromycetes (Fungi imperfecti): Cryptostomos neoformans 410561, TVGH (Taiwan Veterans General Hospital) Strain; Susceptible to Amphotericin B, 0.049 mcg/ml. (T. Jen (48))

Fungi (cultures or specimens) wanted

1. Myxomycetes:
   a) Any species except Arthomyxa demudata, Ceratodermia fruticulosa, Fuligo septica, and Leucocystis epidermidis. (C. J. Alexopoulos (49))
   b) Write for information. (L. McGraw (45))

2. Phycomycetes:
   a) Phytophthora and Pythium (Write for information to W. H. Ho (49))
   b) Pythium (c) (O. Vaartaja (46))
   c) Pythium ochromatium and Achlya radiosa (c) (contact O. Fidalgo (50))
   d) Helicostylum (c) (K. G. Maresj (9))
   e) Soil or water samples containing Uromyclisia spinosa for use in isolation studies. (R. W. Embree (51))
   f) Endogone spp. (c) or (s) (J. W. Gerdenmann (52))
Aquatic Pyrenomycetes especially Ceratostophaeria and Lalworthia (c) and (s). (R. E. Conaway (33))

Gymnoascaceae (c). (F. T. Wolf (54))

Acaulomutazon, Aeciorchis, Chasmatomutazon, Chrostomutazon, and Lophothrichus (c). (K. G. Mukerji (9))

Cheatomutazon minutum Cain, (c), (s), or a slide. (R. K. Seth (41))

Ceratoystis ulmi (c), which are producing synnemata. (J. Harris (55))

Cryptothecia (s) and Coeloclinia (s) for some studies (morphology, chemical resistance, etc.) (W. C. Elsik (56))

Fresh (s) of the following for cultural studies (should not be sent via airmail without drying): Desmazeanella, Sarcocephalesia, Sarcocephan, Uromiza, Wolfmia, Wynea (All Sarcocephaudence). (J. W. Padok (b))

Ascososporian immutus and A. magnum (c). (A. Leesonyanus and A. magnifim (c). (P. E. Powell (5))

Geococcus and Pasteurilla (Pasteurilla) (s) and material fixed in FAA, FFPA, or other cytochemical fixative. (R. F. Korf (5))

Pseudocollepsa and Pseudaleopsis (s). (C. N. Frister (5))

Pseudoporphyrus Sclerocritaceae (s). (R. F. Dumont (5))

Neocystis (= Nezrieia) on Myxomutaza (c) or (s). (G. J. Samuels (57))

Basidiomycetes:

Tuberinella (c) or (s). (J. L. Cunningham (59))

Avenapia opaca on Honey Locust (Gleditsia triacanthos), which is known only from type collection from southern Illinois. (J. W. Baxter (12))

Smuts with viable spores from any plant species (s). (W. D. Whitehead (59))

Jelly fungi (c). (P. E. Olexia (60))

Polyosporaeae (s). (O. Fidalgo (50))

Lepidota sp. sense late from the western United States (s). (W. J. Sundberg (61))

Tropical Sclerodermaeaseae (c). (G. Cusman (62))

Deuteromycetes and Mucelia Sarks (Fungi Imperfecti):

Aquatic Hyphomycetes (c) and (s). (R. E. Conaway (33))

Cladosporium cuumerarianum. (J. W. Whaley (53))

Coryneospora gu, especially C. oasticola (c). (C. H. Blasquez (19))

Soot with isolates of Cryptococcus sp. (s) and N. J. Shadowy (39)

Cenaaceraea, Leptographidea, Phialocephala (Montiae (s)), and Sporophthora (Montiae (s)) (c). (G. C. Carroll (64))

Belminthosporium. (R. B. Deshpande (94))

Penicillium orygmum isolates with high yields of penicillin (c). (R. T. Ehrlich (55))

Petromusa sp. for some studies (morphology, chemical resistance, etc.) (s). (W. C. Elsik (56))

Strains of Cenococcaea graniforme (c). (J. Y. Park (23))

Rhizoctonia sp. with information relating substrate and geographic location (c). (R. W. Meyer (65))

Multigrouning and Miscellaneous:

Heterothallic and heterothallic Phycomycetes, Ascomycetes, and Basidomycetes (c). (R. R. Nelson (8))

Marine fungi. (C. Betancourt (32))

Dimorphic fungi. (R. L. Storck (66))

Fungi that attack nematodes or other small soil organisms (c). (A. Thurston (37))

Pertusaria spp. and any species in Caliciaceae (s). (F. H. Erbisch (67))

Tropical lichens. (G. Cusman (62))

V. FUNGI: IDENTIFICATION OF CULTURES AND SPECIMENS

1. Myxomycetes: (c,s). (C. J. Alexopoulos (49))

2. Phycomycetes:

Saprolegniaeaseae (by A. L. Makiaseae). (O. Fidalgo (50))

Pythium spp. (s). (O. Vaartaja (46))

Endogonaceae (c,s). (J. W. Gerdey (52))

3. Ascomycetes:

Marine fungi. (J. Kohlmeyer (38))

Hypocreaceae and Neotriaceae (c,s). (G. T. Rogerson (57))

Chrosomutazon, Chasmatomutazon, and Lophothrichus. (H. K. Seth (47))

Arapohypseae, Langerbeez, Pachyella, and Rutstroemia. (R. F. Korf (5))

Vibriesae. (A. Sanchez (5))

Pachyella and Pelaepersa. (D. W. Pfister (5))

Tuberales including Elaphoynesae (s). (J. M. Trappe (68))
4. Basidiomycetes:
   a) Chymozemella, Haemantha, Uropyrus, and species of Puccinia on labiatae (a). (J. W. Baxter (12))
   b) Kervia (Uredinales (?)). (B. K. Seth (47))
   c) Tuberculina (c,a). (J. L. Cunningham (59))
   d) Agaricales. (R. L. Homola (69))
   e) Panaeolus spp. (a). (G. M. Ola'h (14))
   f) Boletales and Polyporaceae (a). (L. F. Grand (15))
   g) Tropical Polyporaceae. (O. Fidalgo (50))
   h) Cameraria (a) with advance arrangements. (R. L. Steyaert (70))
   i) Clavaria sensu stricto (a). (P. D. Olexia (60))
   j) Thelephoraceae s.s and Corticiaceae (a). (M. J. Larsen (23))
   k) Coniophora, Marulius, and Serpula (c,a). (J. H. Groves (15))
   l) Gastroboletus (a). (J. M. Trappe (68))
   m) Sclerodermaeaceae (a). (G. Guzman (62))

5. Deuteromycetes (Fungi Imperfecti):
   a) Aquatic Hyphomycetes (a). (K. E. Conway (53))
   b) Aquatic Hyphomycetes. (J. L. Crane (71))
   c) Acremonium and Helicoylomyces. (K. G. Mukerji (9))
   d) Helminthosporium and Curvularia (c). (R. R. Nelson (8))
   e) Thielavia. (R. K. Seth (47))
   f) Pestalotia, Pestalotiopsis, and Truncostella (c,a). (R. L. Steyaert (70))

6. Lichens:
   a) Leccanora subfusca and lichens of Canada (advance arrangements required). (I. M. Brodo (72))
   b) Calicatales. (P. E. Erbisch (67))

VI. MYCOLOGICAL ITEMS FOR SALE OR EXCHANGE

1. Books:
   a) Unbound Phytotaxonomy, Vol. 7, No. 1 (1911) through Vol. 53, No. 12 (1963) (Nos. 6, 7, and 8 of Vol. 8 missing) plus three indices covering Vols. 1 through 50. Price of $700.00 with purchaser paying shipping charges. (R. L. Kell (73))
   b) Wish to swap one copy of Mycological Explorations of Venezuela for one copy of Mycological Explorations of Columbia. (A. L. Welden (74))
   c) One copy each of Fundur, 1953. Practical Mycology: Manual for Identification of Fungi ($5.00) and Schwarze. 1917. The Parasitic Fungi of New Jersey (abundantly illustrated and $5.00). (J. L. Cunningham (58))
   d) One Dicionario Micologico (in Portugese) for sale or exchange for $8.00 (U.S. currency). Memoir of the New York Botanical Garden 15 (2), and three mycological papers: Polyporaceae from Venezuela: The Genus Hebeloma; and Phyllostomus monophagus and its Allies. (G. Fidalgo (50))
   e) One copy of Baxter, R. Contribution towards a Monograph of the Laboulbeniaceae. Part IV. (Clothbound) $15.00. (A. Sanchez (53))
   g) One copy each for sale: E. J. H. Otter. A Monograph of Clavaria and Allied Genera ($33.00); S. Kawamura. Icones of Japanese Fungi (8 volumes) $82.00; P. Konrad and A. Hauflanc. Revision des Hymenomycetes de France ($18.00). (W. Lazo (75))
   h) One copy (without stereo-slide set but see item VI, 2b below) for sale of A. H. Smith. Mushrooms in their Natural Habitats. (Pr. J. M. Bauchet (76))

2. Slides, etc:
   a) Teaching library of color photographs of dermatomycetes (7 sets of 20 slides each) at $10.00 per set, from Dept. Medical Services, Schering Laboratories, Union, New Jersey. (G. N. Weiss (77))
   b) Slides from A. H. Smith. Mushrooms in their natural Habitats remounted two to four pictures to a single 35 mm frame (one or two species missing)numbered individually as in lists in book; a 35 mm series of slides of mushrooms of the eastern U.S. taken by a botanist plus a selection of slides of American species of mushrooms distributed commercially in France (in a bloc $0.15 per slide; one ATCO No. 10046 microscope with 2 objectives and maximum magnification of 900 x. (Pr. J. M. Bauchet (76))

VII. MYCOLOGICAL PUBLICATIONS NEEDED

2. Cooke. Illustration of British Fungi. Eight volumes; Rieken, Vedemucor. (O. A. Brodie, MD. (79))
4. A. Lister. 1894. The Mycetozoa (or a later edition). (J. E. Wright (27))
VIII. VACANCIES FOR MYCOLOGISTS WITH RECENT DOCTORATES

1. British Columbia: If you are interested in and qualify for a position in plant pathology, contact Dr. M. McClaren (18) for information.

2. Colorado: Assistant Professor, physiology of parasitism. Send Resume and transcripts to Dr. R. Ward, Chairman (17).

3. Illinois: If your background includes training and research experience in genetics, request information from Dr. J. H. Grosklaus (85) relevant to a position in Mycogenetics.

4. Indiana: Senior Microbiologist (Ph.D. level) with training in microbial physiology for process research studies on existing and new fermentation products. Contact Dr. D. H. Lively (86).

5. Oklahoma: Should you be interested in research or (2) a Post-Doctorate in Medical Mycology for research in pathogenesis, contact Dr. G. S. Bulmer (87).

6. Texas: For information regarding vacancies at the Assistant Professor and Post-Doctorate levels, contact Dr. R. L. Storck (66).


IX. VACANCIES FOR Mycology GRADUATES AS TECHNICIANS, EXPERIMENTALISTS, ETC.

1. Indiana: Experimentalist with BS or MS degree and training in both mycology and pathology to conduct research on soil-borne, plant-pathogenic fungi and nematodes. Contact Dr. J. W. Whaley (63).

2. Louisiana: Openings for mycologists with BS or MS degree at the technician level and for advanced degree study. Contact Professor S. P. Meyers (88).

3. Oklahoma: Full-time technician, preferably with some Microbiology in background, to work on pathogenesis of Cryptococcus. Contact Dr. G. S. Bulmer (87).

4. Virginia: Laboratory Technician with ASCP registration and broad experience in medical microbiology and mycology desired by Drs. S. and H. J. Shadowy (39).

X. AVAILABLE GRADUATE STUDENT ASSISTANTSHIPS

1. United States: East

a) Maine: For further information on Research Assistantships (stipend of $3,000 per 12-month year) and Teaching Assistantships ($2,400 to $3,000 per 9-month year) which carry automatic waiver of tuition and fees, write to Dr. G. A. McIntyre, Chairman (57).

b) New York: The Gertrude S. Burlingham Scholarship with a stipend of $800 to $1,000 for graduate students, especially if interested in use of the herbarium, laboratory, and library at the New York Botanical Garden. Nominations or applications should be sent to the Director (57).

c) North Carolina: For details concerning a Teaching Assistantship for the 1969-1970 school year, write to Dr. L. S. Olive (1).

d) Virginia: Concerning an assistantship in Fungus Physiology, write to Prof. T. Sproston (89).

e) Virginia: Through joint appointments in microbiology (See item D) a limited number of graduate students can be admitted at the Medical College of Virginia. Direct inquiry to Drs. H. J. or S. Shadowy, Division of Infectious Diseases (39).

f) Virginia: For information on Graduate Research Assistantships with basic stipends of $2,400 to $2,600 per year plus tuition and dependency allowances, write to Prof. S. G. Bradley, Chairman, Dept. of Microbiology (39).

g) West Virginia: For information regarding available Training Fellowships in Medical Mycology with stipends at NIH rates, contact Dr. J. M. Slack (40).

2. United States: Midwest

a) Illinois: For one-half time Teaching Fellowships with a stipend of $2,700 for 9 months, contact Dr. D. P. Rogers (78).

b) Missouri: For details regarding Teaching Assistantships in mycophilogeny, taxonomy, genetics, or ultrastructure of fungi, write to Dr. J. Manlottis (28).

c) Oklahoma: Teaching Assistantships in medical mycology and medical microbiology with stipends of $3,600 to $4,000 per year plus dependency allowances are available through Dr. G. S. Bulmer (87).

d) Texas: For information explaining available Research Assistantships and Experimentalist appointments for candidate at the Ph.D. level, write to Dr. R. L. Storck (66).

3. United States: Mid-West

a) Illinois: For one-half time Teaching Fellowships with a stipend of $2,700 for 9 months, contact Dr. D. P. Rogers (78).

b) Missouri: For details regarding Teaching Assistantships in mycophilogeny, taxonomy, genetics, or ultrastructure of fungi, write to Dr. J. Manlottis (28).

c) Oklahoma: Teaching Assistantships in medical mycology and medical microbiology with stipends of $3,600 to $4,000 per year plus dependency allowances are available through Dr. G. S. Bulmer (87).

d) Texas: For information explaining available Research Assistantships and Experimentalist appointments for candidate at the Ph.D. level, write to Dr. R. L. Storck (66).

4. United States: West

a) California: For Teaching Assistantships during the academic year with a stipend of $2,700, apply to Dr. L. K. Ross (2).

b) Idaho: If you are interested in a Research Assistantship of 3 years duration with a stipend of $3,180 per year to study decay of the inland northwest, apply to Dr. A. D. Partridge (2).

c) Wyoming: Two graduate Research Assistantships in mycology should be available to begin in September, 1970. For details regarding the research projects in the area of soil microfungal ecology, toward degrees at the Master's level, write to Dr. Martin Christensen (26).
XI. STUDENTS EXPECTING DOCTORATES LOOKING FOR EMPLOYMENT

1. Canada - Ontario
   b) T. R. BAG RAJ: "First contribution to a monograph of Chlamydomonas and related genera."; Research interest: Taxonomy of fungi-imperfecti; diseases of plants and insects caused by fungi; biological control of weeds and insect pests; Teaching competence: Mycology, plant pathology, and fungal taxonomy; September, 1969; Major Professor: W. B. Kendrick (35).

2. United States:
   c) Kansas - V. K. SANGAR: "Electrophoretic and immunologic studies of some Trichomycetes."; Research interest: Serology; Teaching competence: Mycology, anatomy, comparative morphology; June, 1969; Major Professor R. W. Lichtwardt (91).
   d) Michigan - HUBERT LING: "Genetics of plasmodial compatibility in the true slime mold Didymium iridis."; Research interest: Mycology - Genetics and physiology of Myxomycetes; Teaching competence: General biology, botany, mycology, myxomycetes; June, 1969; Major Professor: O'Neill R. Collins (44).
   e) Missouri - R. S. BASSER: "Biochemical genetics of tyrosinase in Gelatinomycetes."; Research interest: Physiology, biochemistry, genetics of fungi; Teaching competence: General mycology, fungal genetics and physiology; January, 1969; Major Professor: J. Manulis (28).
   f) New York - DOBENE LYN: "The morphologic, serologic and pathogenicity studies on the 'Black Yeasts'."; Research interest: The imperfect fungi; Teaching competence: General botany, mycology; June, 1969(1); Major Professor: C. J. Wang (92).
   g) New York - E. C. SETLUFF: "Biology of Fumis obtusa (Berk.) Cooke."; Research interest: Cytology, serology, sexuality, taxonomy of homothallic polypores; Teaching competence: Mycology, forest pathology; June, 1969; Major Professor: J. L. Lowe (92).
   h) New York - W. A. SHERWOOD: "Some physiological and genetical aspects of heterothallism in the water mold Ditylum."; Research interest: Sexuality in the water molds (Ditylum monosporum); Teaching competence: Mycology, morphology of non-vascular plants, general botany, general biology; September, 1969; Major Professor: J. N. Couch (1).
   (Address for W. A. Sherwood (57)).
   i) North Carolina - C. E. BLAND: "Structure and development in some genera of the Actinomycetales (Actinomycetes)."; Research interest: Fine structure of lower organisms (mycology); Teaching competence: Mycology, biology, botany, zoology; December, 1968; Major Professor: J. N. Couch (1).
   k) Pennsylvania - J. J. DEPLORY: "Responses of thermophilic fungi and actinomycetes to low O2 tensions."; Research interest: Experimental mycology, fungal physiology; Teaching competence: General biology, general botany, mycology, fungal physiology; June, 1969; Major Professor: C. L. Fergus (8).
   l) South Carolina - H. F. CANTRELL: "Comparative physiology and biochemistry of Pythium irregulare and Pythium vexans."; Research interest: Fungal physiology and biochemistry; Teaching competence: Bacteriology, mycology (General and Medical), microbial physiology; August, 1969; Major Professor: W. M. Dowler (93).

XII. GRADUATES AT BACHELOR'S OR MASTER'S LEVEL FOR EMPLOYMENT AS TECHNICIANS, EXPERIMENTALISTS, ETC.

1. Dr. S. J. Hasila (54) requests contacts for employment after completion of post doctorate studies (See XI-8).
2. Miss Carol A. Sweare (94) requests inquiries regarding such employment.
3. Dr. C. Betancourt (32) and Dr. A. D. Partridge (24) solicit inquiries about technical employment for candidates below the Ph.D. level.

* HELPFUL HELPFUL HELPFUL *

The Foray Recorder, Wm. Bridge Cooke (95), would appreciate lists of species from all who have not yet turned them in for the following MSA Forays:


* * *

Dr. S. P. Meyers (88) has a request from Nina Ya. Artenschuk, Lab. Benthoc, Inst. Oceanology, Academy of Science, 1, Sadovaya, Lubino, Y-387, Moscow, USSR, for reprints of papers in marine mycology to support her research on the mycology of the Black, White, and Barents Seas. Cooperation from members will be appreciated.
H. PERSONAL INFORMATION

I. MYCOLOGISTS WITH NEW AFFILIATIONS

1. Robert W. Tsuveson from the University of Chicago became Associate Professor of Botany, Univ. of Illinois, September 1, 1968.

2. Dr. J. S. Furtado, Mycologist, is on leave for 2 years from the Instituto de Botanica, Sao Paulo, Brazil, at Research Associate with Dr. L. S. Olive at the University of North Carolina, Chapel Hill. (See also Item H I-3).

3. Dr. Johnson Ekundayo (Univ. of Lagos, Nigeria) has joined the Prairie Regional Laboratory in Saskatoon, Saskatchewan, Canada, as a Post-Doctorate Fellow.

4. C. Betancourt (M.S.) has joined the Dept. of Biology, College of Agriculture and Mechanic Arts in the University of Puerto Rico at Mayaguez.

5. Dr. D. Griffin, formerly of the Botany Dept., University of Iowa, is now Mycologist in the Department of Forest Botany & Pathology, State University College of Forestry at Syracuse, N. Y.

6. Dr. R. K. Gupta formerly of the Dept. of Biochemistry and Microbiology, College of Agriculture and Environmental Science, Rutgers University, New Brunswick, N.J., has joined the Dept. of Medical Microbiology and Immunology, UCLA School of Medicine, Los Angeles, Calif., as Lecturer for the 1968-69 academic year.

7. Mr. T. R. Nag Raj, formerly of the Commonwealth Institute of Biological Control, Indian Station, Bangalore, is now carrying out a revision of Chalara and allied genera with Dr. W. B. Kendrick at the University of Waterloo, in Waterloo, Ontario, Canada.

8. Dr. S. K. Hasija has joined F. T. Wolf at Vanderbilt University for post-doctorate studies (See C XII-1).

9. Dr. Rolf Singer has resigned his position of Professor in the Dept. of Biology, Facultad de Ciencias Exactas y Naturales, Univ. of Buenos Aires, and has returned to the United States.

10. R. L. Artema has left the Dept. of Plant Pathology, University of Illinois, and gone to Wisconsin State University, at Superior.

11. B. M. Berkson has also departed moving to Rutgers - The State University of New Jersey.

12. Mrs. Nina Dabrowa obtained the Ph.D. degree from the Dept. of Medical Microbiology and Immunology of the School of Medicine at UCLA in June, 1968, and has taken a position with the Dermatology group in the same School.

13. J. Garcia of the same department (See item 12) obtained the Ph.D. degree in August, 1968, and is now on a Post-Doctoral Fellowship with the California State Department of Health at Berkeley.

II. TRAVELING MYCOLOGISTS

1. K. Dumont of the Dept. Plant Pathology, Cornell University, has recently returned from a summer collecting trip to Venezuela, Brazil, Bolivia, and Colombia.

2. Drs. S. and H. J. Shadomy, Dept. Microbiology, Medical College of Virginia, will be attending the 1969 meeting of the British Society for Mycopathology in Dublin. Results from their recent studies with filamentous forms of C. neoformans and with several new antifungal agents will be presented.

3. Dr. J. S. Furtado of the Instituto de Botanica, Sao Paulo, Brazil, will work for 2 years with Dr. L. S. Olive in the Dept. of Botany, Univ. of North Carolina, Chapel Hill. (See also Item H I-2).

4. Dr. C. H. Bazquez, who is employed at the South Florida Field Laboratory in Immokalee, traveled in Puerto Rico and Jamaica during the first week of October, 1968, and visited Dr. F. P. Hunt, Dept. Botany, University of the West Indies.

5. Dr. K. Hasija from the Univ. of Jabalpur, India, is doing Post-Doctoral work with F. T. Wolf at Vanderbilt University this year.

6. Dr. R. Heim, Professor at the Museum of Natural History in Paris and President of the Singer-Polignac Foundation, lectured on conservation of nature and little known aspects of mycology from September 16, through October 2, 1968, under auspices of the Department de Phytotechnic, Faculte d’Agriculture, Universite Laval, Quebec, P.Q., Canada.

7. Dr. W. C. Denison, Oregon State University, visited the Mycological Herbarium of the Escuela Nacional de Ciencias Biologicas of the Instituto Politecnico Nacional in Mexico, D.F. Mexico, in order to review Perisales and found several interesting specimens during August, 1968.

8. Dr. J. T. Bonner of Princeton University presented two seminars on "Chemical ecology at the cellular level" on Sept. 23 and 24, and Dr. J. R. Eaper of Harvard University, two seminars on "Chemical ecology among the lower plants" on Sept. 30 and Oct. 1, at State University College of Forestry, Syracuse, New York.

9. Dr. S. Lacy of the banana Board in Kingston, Jamaica, visited the South Florida Field Laboratory in Immokalee to discuss resistance to Fusarium wilt in edible bananas.

10. Prof. P. Weernagard of Copenhagen, Denmark, discussed seed pathology with K. R. Deshpande at Marathwada University in Aurangabad, India.

11. Dr. R. Braun of the Swiss Institute for Experimental Research on Cancer discussed nucleic acid replication in slime molds with I. K. Rose on September 20 and 21 in the Dept. Biological Sciences, University of California, at Santa Barbara.

III. AWARDS AND REWARDS TO MYCOLOGISTS

1. Dr. S. K. Hasija has been promoted to Assistant Professor at the University of Jabalpur in India.

2. Drs. S. Shadomy, H. J. Shadomy, and J. P. Uts have been given joint appointments as Assistant Professors of Microbiology and Professor of Microbiology respectively, in the Department of Microbiology, Medical College of Virginia.

3. Dr. Elizabeth O’Hern has been appointed Program Administrator for Microbiology in the Research Training Grants Branch of the National Institute of General Medical Science of NIH in Bethesda, Maryland.

4. R. W. Davidson of Colorado State University was awarded an honorary DSc degree by his alma mater, Ottawa University, at Ottawa, Kansas, in June, 1968.

5. The "Joao Ribeiro Award" of the Brazilian Academy of Letters was presented to Dr. O. Fidalgo for compilation of the Dicionario Micologico, which was co-authored by Mrs. Marie E. P. K. Fidalgo.
6. The North American Mycological Association (Portsmouth, Ohio) award for "Contributions to Amateur Mycology" for 1968 went to Dr. L. J. Tanghe of Rochester, New York, in recognition of his work with the Rochester Fungophiles and for teaching adult classes in mycology.

7. Dr. H. Seki was awarded both the Okada Prize of the Oceanographical Society of Japan (1965) and a Postdoctorate Fellowship of the National Research Council of Canada (1967-?).

8. Dr. G. Simmons, a Past President of MSA and Head of the Mycology Group, FRL, U.S. Army Natick Laboratories in Natick, Mass., has been awarded the Annual Secretary of the Army's Research and Study Fellowship and will spend 6 months in southeast Asia, visiting laboratories in Japan, Thailand, Malaysia, Australia, and India, and 6 months at the Commonwealth Mycological Institute, Kew, England. He will be collecting and studying tropical microfungi with special emphasis on Alternaria, Curvularia, Stemphylium, and Ulocladium species.

9. Prof. F. K. Sparrow received the Merit Award of the Botanical Society of America in 1968 and has become the Director of the University of Michigan Biological Station on Douglas Lake.

10. N. G. Santacroce of the Plant Importations Branch, USDA, in Hoboken, N. J., has received three decorations for contributions to the flower bulb industry: Officer in the Order of Orange Nassau from the government of The Netherlands, Nicolaas Dames Medal from the Netherlands Professional and Scientific Groups, and Officer in the Order of the Crown from the government of Belgium.

11. Dr. C. H. Blazquez (See Item II-4) received an award from the Florida State Horticultural Society for the best paper of 1967 on influence of lime on fusarium wilt of watermelons, co-authored by F. H. Everett.

12. Dr. S. P. Meyers has been elevated to rank of Professor at Louisiana State University; along with Dr. D. G. Ahearn of Georgia State College participated in the Miner Center Community of Scholars at Chazy, New York; and investigated yeasts and molds of Lake Champlain in cooperation with W. Cook of the University College of Arts and Sciences at Plattsburgh, New York.

IV. INVITATIONAL PAPERS AND LECTURES BY MYCOLOGISTS


2. R. P. Korf of Cornell University presented a seminar paper entitled "The Riddle of the Stroma and Other Unsolved Discomycete Problems" at the University of Massachusetts on October 31.


4. L. S. Olive of the University of North Carolina presented two papers by Kitani and Olive on gene conversion in Aspergillus at the 12th International Congress of Genetics in Tokyo in August, and served as co-chairman of the session on gene structure in microorganisms.

5. T. Sproston, University of Vermont, presented a lecture on "The Biochemistry of Spore Production" to a Plant Pathology and Plant Physiology seminar at Cornell University.

6. Mrs. Maria E.P.K. Fidalgo and Dr. O. Fidalgo presented papers entitled "Morphology and Taxonomy of Fungi" and "Phytopathology and Fungi!" respectively before the Institute of Tropical Medicine at Sao Paulo, Brazil, in October, 1968.

7. R. S. Smith of the Forest Products Laboratory in Vancouver presented a paper, "Wood Preservative Toxicity using Wood Weight Loss and Fungal Respiration Methods," before the Forest Products Research Society in Washington, D. C., and visited the Beltsville Forest Disease Laboratory at Laurel, Maryland, during June.

8. K. G. Mukerji of the University of Delhi delivered a general lecture on "India and Mycology" at the Commonwealth Mycological Institute, Kew, England, on February 22, 1968.

9. D. M. Howard of UCLA presented an invitation lecture on Coccidioidomycoses before the staff of the Los Angeles County Museum, October 22, 1968.

10. F. E. Swatek, California State College at Long Beach, presented invitational papers entitled "Ecology of Coccidioides immitis," and "The Isolation and Identification of Coccidioides immitis" at the Eighth International Congresses of Tropical Medicine and Malaria, Teheran, Iran, September 7-15, 1968.

11. A. D. Partridge of the University of Idaho presented a paper, "Inland Rots and Tomatorots," before the Western International Forest Disease Work Conference on October 27, in Couer d'Alene.

12. W. N. Hess of Brigham Young University, in cooperation with D. L. Stocks, demonstrated fine structure of spores before the Cell Biology Society in Boston, November 11-13, 1968.

13. I. K. Ross, University of California at Santa Barbara has presented two papers: "Abnormal cell behavior in slime molds" at the first "Physarum" Conference, McArdle Institute for Cancer Research, Madison, Wis., September 11, and "Cell membranes and cell interactions in slime molds" at Western Regional Developmental Biology Conference, San Fernando Valley State College, California, on October 23, 1968.

14. The First International Congress of Plant Pathology in London during July was attended by mycologists, who presented papers, including the following:
   a) Results of research cooperative with R.J.W. Byrde and A. H. Fielding by F. D. Calonge of Madrid, Spain;
   b) P. Krogh of Copenhagen, Denmark, "The Pathology of Mycotoxices;"
   c) K. S. Deshpande of Aurangabad, India, "Aerobiological Studies of a Groundnut Field."

V. RETIREMENTS, ILLNESSES, DEATHS OF MSA MEMBERS

1. L. Wallace Miller, Dean of the School of Natural Sciences at Chico State College in Chico, Calif., will retire as of September 1, 1968.

2. G. B. Walker has been confined to a nursing home in Lincoln, Neb., for the past 2 years.
**Since publication of Volume XIX, No. 1, Newsletter in June, 1968, the following members of the Mycological Society of America have been reported deceased or data pertinent to previous reports have been received.**

**I. CORRESPONDENT ADDRESSES**

(1) Dept. of Botany, University of North Carolina, Chapel Hill, N.C. 27514
(2) Dept. Biological Sciences, University of California, Santa Barbara, Calif. 93106
(3) Dept. of Botany, University of Michigan, Ann Arbor, Mich. 48104
(4) Dept. of Biology, State University College, New Paltz, N.Y. 12561
(5) Dept. of Plant Pathology, Cornell University, Ithaca, N.Y. 14850
(6) Dept. of Biology, University of Victoria, Victoria, B. C., Canada
(7) Dept. of Botany, Howard University, Washington, D.C. 20001
(8) Pennsylvania State University, University Park, Pa. 16802
(9) Dept. of Botany, University of Delhi, Delhi 7, India
(10) Biological Station, Fisheries Research Board of Canada, Nanaimo, B. C., Canada
(11) Mycological Herbarium, Washington State University, Pullman, Wash. 99163
(12) 7617 N. Bell Road, Milwaukee, Wisc. 53217
(13) Dept. Plant Pathology & Forestry, North Carolina State University, Raleigh, N.C. 27607
(14) Faculte d'Agriculture, Universite Laval, Ste-Foy, Quebec, 10, P.Q., Canada
(15) 506 West Burnside Road, Victoria, B. C., Canada
(16) Biology Department, Shippensburg State College, Shippensburg, Pa. 17257
(18) Biosciences, Simon Fraser University, Burnaby 2, B. C., Canada
(19) South Florida Field Laboratory, P.O. Box 973, Immokalee, Fla., 33974
(20) Instituto Botanico, "A. J. Cavanilles", Plaza de Murillo 2, Madrid 14, Spain
(21) Biology Department, University of Colorado, Boulder, Colo. 80302
(22) Dept. of Biology, Eastern Washington State College, Cheney, Wash. 99004
(23) Forest Research Laboratory, Box 490, Sault Ste. Marie, Ontario, Canada

**VI. MATCHES AND HATCHES**

1. Helen Patricia Rogers, daughter of D. F. Rogers, was married to Lieut. Keith A. Keyt, (an entomologist) on July 14, 1968.
2. Kenneth E. Conway of the University of Florida reports his marriage to Cynthia A. Gary of Syracuse, N. Y., on June 22, 1968.
3. From the University of Oregon George C. Carroll announces that he was married to Fanny Fromageot in Curu, France, on August 30.
4. Dr. Shirley L. Brown of the University of Michigan, Ann Arbor, Mich. 48104 (an entomologist) on July 14, 1968.
5. Dr. F. D. Calonge reports from Madrid that their first child, Margaret, was born on February 13, 1967, and that their second, which is due soon, will be a boy.
6. Dr. and Mrs. Larry F. Grand announce birth of a grandson, Shawn, born to his son, George, and wife on September 5.
7. From Pennsylvania comes the news that Dr. Anton R. Slysh is father of a new daughter, Michelle Andrea.
8. A budding medical mycologist, Judith Miriam, was born on October 23, 1968, to Moses and Irene Weltrum from New Jersey.
9. Nunzio G. Santacroce from New Jersey proudly announces birth of a grandson, Shawn, born to his son, George, and wife on September 5.

**II. CORRESPONDENT ADDRESSES**

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(23) Forest Research Laboratory, Box 490, Sault Ste. Marie, Ontario, Canada
1. Do you have one or more PRELIMINARY KEYS THAT NEED PRACTICAL TESTING or "CLASS USE" keys that others might use?

2. Do you have a PERSONAL HERBARIUM from which specimens could be borrowed? If so, list the family(ies) or genus(era).

3. Would you TRANSLATE DIAGNOSES of new taxa into LATIN?

4. A suggestion has been made that an outlet be provided for informal communication of EXPERIMENTS and/or PROCEDURES that FAIL to solve a particular problem.

5. The HERBARIUM houses a large lichen collection (24,000 specimens) but no non-lichenized fungi. Excellent facilities are available for visiting scientists at the new building.

6. Some members suggested that a very successful and contributory mycological effort be noted. The SYMPOSIUM ON THE EVOLUTION of the HIGHER BASIDIOMYCETES was sponsored by The National Science Foundation; commemorated the 80th birthday of Dr. L. R. Hesler, Professor Emeritus of Botany; and took place at Dr. Hesler's institution, the University of Tennessee in Knoxville between August 5 and 10, 1968. Some 20 speakers from seven countries presented papers, which discussed morphological, cytological, genetic, anatomic, cultural, and chemical approaches to the taxonomy and identification of Homobasidiomycetes. The formal presentations were followed by lively discussions during the adequate time allotted. Notes of gratitude are extended to Dr. R. H. Petersen for organization and conduct of the Symposium. Information regarding publication of the proceedings may be obtained from him at the Department of Botany.

I. SOME QUESTIONS, REQUESTS, AND ANNOUNCEMENTS FROM MEMBERS

1. What is a useful reference to a publication with which I will be able to identify atmospheric fungal spores? Are there any unpublished sets of photomicrographs being circulated? (W. C. Elskis (56))

2. Would one or more mycologists identify or confirm my identification of some saprophytic fungi which were isolated from fungi collected by the 267 members present. Dr. A. H. Smith assisted by Dr. Ronald Petersen served as taxonomist. Mr. Walter Litten of Rochester, N. Y., acted as recorder. The foray was hosted by the Spokane (Washington) Mushroom Club. The N.A.M.A. believes this foray may have collected the largest number of fungi ever collected in one area and on a single week-end. Any old records that approach or exceed this number would be interesting.

3. Would someone check the identity of two isolates (hyaline Fungi Imperfecti) for me? (L. A. Roure (32))

4. The University of Wisconsin at Madison has given J. W. Baxter a fall semester leave to complete a taxonomic revision of Schering Labs, Union, N. J.

5. Reprint available (concerned with photography of fungi): Weiss, C. H. Fungi Phytography: Ultraviolet fluorescent studies. The National Herbarium of Canada (of the National Museums of Canada, Museum of Natural Sciences) has recently moved to new quarters within Ottawa. The address will remain the same, however. The Herbarium houses a large lichen collection (24,000 specimens) but no non-lichenized fungi. Excellent facilities are available for visiting scientists at the new building.

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