

ROGER D. GOOS

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FREDERICK K. SPARROW (1903-)
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MYCOLOGICAL SOCIETY OF AMERICA NEWSLETTER

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A. AFFILIATED SOCIETIES:

Boston Mycological Club, Frank C. Helwig, Jr., Treas., 1099 Massachusetts Ave.,
Lexington, Massachusetts 02176
Le Cercle des Mycologues Amateurs de Quebec, Pavillon des Sciences Pures, Cite
Universitaire, Ste.-Foy, P. Q., Canada
The North American Mycological Association, Harry S. Knighton, 4245 Redinger Road,
Portsmouth, Ohio 45662
Oregon Mycological Society, Inc., Donald Goetz, Reg. Agent, 6548 S.E. 30th Avenue,
Portland, Oregon 97202
Société Mycologique de France, 36 rue Geoffroy-Saint-Hilaire, Paris V^e, France

B. SUSTAINING MEMBERS OF THE SOCIETY:

BBL, Division of BioQuest, Cockeysville, Md. 21030. Products for the microbiological
laboratory.
Butler County Mushroom Farm, West Winfield, Pa. 16062.
Campbell Soup Company, Camden, N.J. 08101.
Difco Laboratory Products, 920 Henry St., Detroit, Mich. 48201. The complete line
of microbiological reagents and media.
Dupont Company, Instrument Products Division, Sorvall Operations, Newton, Conn. 06470.
Hoffman-La Roche, Inc., Nutley, N.J. 07110. Pharmaceuticals, vitamins, and aromatic
chemicals.
Lane Science Equipment Co., 105 Chambers St., New York, N.Y. 10007. Complete line
of museum storage cabinets-especially herbarium cabinets-airtight for permanent
protection.
Eli Lilly and Company, 740 South Alabama St., Indianapolis, Ind. 46225. Pharmaceuti-
cals, biologicals and agricultural and industrial products.
Merrell-National Laboratories, Division of Richardson-Merrell, Inc., Cincinnati, Ohio
45215.
Miles Laboratories, Inc., 1127 Myrtle St., Elkhart, Ind. 46514. Pharmaceutical and
chemical research and manufacture.
Parke Davis & Company, Detroit, Mich. 48232. Pioneers in better medicines.
Chas. Pfizer and Co., Inc., 235 East 42 St., New York, N. Y. 10017. Fine chemicals
and pharmaceuticals by means of microorganisms.
Schering Corporation, Bloomfield, N.J. 07003. Pharmaceutical manufacturers.
The Upjohn Company, Kalamazoo, Mich. 49001. Fine pharmaceuticals since 1886.
Wallerstein Company, Division of Travenol Laboratories, Inc., 200 Wilmot Road,
Deerfield, Ill. 60015. Research and production of enzymes and fermentation chemicals.
Warner-Lambert Research Institute, Warner-Lambert Company, Morris Plains, N.J. 07950.

C. ANNOUNCEMENTS:

1. The SECOND INTERNATIONAL SYMPOSIUM ON THE FUNGUS SPORE will be held in Provo,
Utah on 15-20 July 1974. The symposium will cover ultrastructural and biochemical
changes in dormant and germinating fungus spores. Additional information and
details of the program may be obtained by writing to: D.J. Weber or W.M. Hess,
Dept. of Botany, Brigham Young University, Provo, Utah 84602.
2. The SECOND NORTH AMERICAN CONFERENCE ON MYCORRHIZAE will be held at Corvallis,
Oregon, 6-9 August 1974. Programs and preregistration forms are available now
from Mycorrhizae, Division of Continuing Education, 565 Capitol Street N.E.,
Salem, Oregon 97310. Special inquiries may be addressed to Dr. J.M. Trappe,
Chairman, 3200 Jefferson Way, Corvallis, Oregon 97331 (Tel.: 503-752-4211).
3. The FOURTH INTERNATIONAL SYMPOSIUM ON YEASTS will be held in Vienna, 8-12 July
1974. Further information can be obtained from: Secretariat, Fourth Inter-
national Symposium on Yeasts, c/o Hochschule für Bodenkultur, Institut für
Lebensmitteltechnologie, Gregor Mendel-Strasse 33, A-1180 Vienna, Austria.
4. LABORATORY AND CLINICAL DIAGNOSIS OF HUMAN MYCOSES: This course will be given
from 1-26 July 1974 as part of the Mycology Program of the Dept. of Community
Medicine, University of Kentucky, College of Medicine and the Research Mycology
Laboratory of the Lexington Veterans Administration Hospital. It is designed to
give participants a thorough working knowledge of the laboratory procedures and
a basic knowledge of the clinical procedures for the diagnosis of all the common
human mycoses as well as some of the more exotic mycotic diseases and oppor-
tunistic infections. Those wishing to apply should contact Dr. Norman Goodman,
Dept. of Community Medicine, University of Kentucky Medical Center, Lexington,
Kentucky 40506. Tel. 606-233-6171.

5. A SYMPOSIUM ON FUNGAL VIRUSES has been organized by the Society of Industrial Microbiology which meets 11-16 August in Memphis, Tennessee. The symposium includes the following speakers and topics: Dr. J.W. Sinden, "Pathogenicity of Mushroom Viruses"; Dr. W.J. Kleinschmidt, "Fungal Viruses and Interferon Induction"; Prof. G.R. Fink, "Isolation and Characterization of Double-stranded RNA from Yeast"; Dr. K.N. Saksena, "Isolation and Characterization of Mushroom Viruses"; Dr. R.W. Detroy, "Fungal Viruses and Host Metabolism"; Dr. J. Adler, "Yeast Viruses". Inquiries should be made to Prof. Paul A. Lemke, Mellon Institute, Carnegie-Mellon University, Pittsburgh, Pa. 15213.
6. The FIRST INTERSECTIONAL CONGRESS of the INTERNATIONAL ASSOCIATION OF MICROBIOLOGICAL SOCIETIES will be held 1-7 September 1974 in Tokyo. There will be a post-IAMS Congress for Plant Pathology at Osaka. Mycologists from the United States are invited. The participants are Dr. C.E. Bracker, Dr. J.R. Aist and Dr. W.M. Hess. Correspondence relating to the Congress should be addressed to: Prof. Daizo Ushiba, General Secretary, The Organizing Committee, First Intersectional Congress of IAMS, Science Council of Japan, 22-34, Roppongi 7-chome, Minato-ku, Tokyo 106 Japan. Cable Address: Sciencouncil Tokyo.
7. The VI EUROPEAN MYCOLOGICAL CONGRESS will be held in Avignon, France from 16-26 October 1974. The first circular announcing place and time of the Congress has been published as a supplement to the Bulletin of the Société Mycologique de France, fascicle 2, 1972. Correspondence should be addressed to: Société Mycologique de France, VI^e Congrès européen de mycologie, 36, rue Geoffrey-Saint-Hilaire, 75005 Paris, France.
8. The interdisciplinary MYCOVIRUS NEWSLETTER will be published for scientists working with fungal viruses. The first issue is scheduled for June 1974. Anyone who wishes to receive or to contribute information to this newsletter should write to: Mycovirus Newsletter, Carnegie-Mellon University, Mellon Institute of Science, 4400 Fifth Avenue, Pittsburgh, PA 15213.
9. The AMERICAN TYPE CULTURE COLLECTION, CATALOGUE OF STRAINS, 11th EDITION, 1974 is now available. The 11th edition lists 15,000 ATCC strains, over 3,000 new accessions with 2,000 new Fungi alone, extensively updated, annotated with verified journal references and cross indexed in separate Appendices. They include a Media Section with some 650 complete formulations used in culture maintenance; a Numerical Index and guide to growth conditions for each strain; a "Use List" with alphabetized lists of antibiotics, amino acids, enzymes, steroids, vitamins, etc. which are assayed for, or produced by ATCC strains. Also available is the ATCC CATALOGUE OF REFERENCE PLANT VIRUSES AND ANTISERA, 1st EDITION, 1974, which lists over 150 plant viruses and 80 antisera. Copies can be ordered from The American Type Culture Collection, 12301 Parklawn Dr., Rockville, Md. 20852.
10. The first fascicle of FUNGI CANADENSES was issued on 29 November 1973. The purpose of this new publication is to make available illustrations and more or less standardized accounts of fungi which have been collected in Canada. Copies are available to institutions only but this publication has no copyright and may be reproduced. Requests to be included on the mailing list should be addressed to the Director, Biosystematics Research Institute, Central Experimental Farm, Ottawa, Ont. K1A 0C6, Canada.
11. BIOPLATE, TRANSFER LETTERING DESIGNED FOR BIOLOGISTS, includes letters and numbers in several sizes and typefaces, and Greek letters (many micron marks), along with an assortment of symbols useful in making graphs and distributional maps. BIOPLATE is available only from Mycotaxon, P.O. Box 264, Ithaca, N.Y. 14850 in either black or white, at \$3.00 per sheet, postpaid to any address in the world.

D. FORAYS:

1. The 1974 DANIEL E. STUNTZ FORAY will be held in Humboldt County, California from 8-10 November 1974. Headquarters will be Humboldt State University, Arcata. The collecting season reaches its optimum in this area between the last week of October and the first two weeks of November. A variety of habitats are easily accessible. For information write Dr. David L. Largent, Biology Department, Humboldt State University, Arcata, California 95521.

2. The NORTH AMERICAN MYCOLOGICAL ASSOCIATION FORAY will be held at Camp Mondamin near Tuxedo, North Carolina, 13-15 September 1974. Dr. Orson K. Miller, Jr. will be the principal mycologist and Dr. L. R. Hesler will be the guest-of-honor. Members of the MSA are invited to attend. The registration fee, \$3.50 per person, should be sent to Mrs. Katheryn Fulkerson, 1021 Watterson Trail, Louisville, Kentucky 40299.
3. The 21st C.H. PECK FORAY will be held at Star Lake in the western Adirondacks, New York on 6-8 September 1974.

E. PROFESSIONAL INFORMATION

1. MYCOLOGICAL RESEARCH PROJECTS:

- a. A ten-year study of the soil fungi of Pakistan has been completed. This study may assist in understanding the role of decomposition of organic matter in relation to salinity and sodity. Drs. Sultan Ahmad, L.R. Batra, C.R. Benjamin, Lafayette Frederick, F.A. Uecker and Ms. P.D. Millner contributed to the program.
- b. Studies of soil fungi and aquatic fungi of Cedarburg Bog, University of Wisconsin-Milwaukee Field Station. [J.W. Baxter (4)]
- c. Distant dispersal of live spores of *Erysiphe graminis* f. sp. *hordei*. J.E. Hermansen. [M. Bonde (7)]
- d. Pathogenesis of *Tilletia caries*. Biological methods for detecting fungicides on seed. G. Kovacs. [M. Bonde (7)]
- e. Phytotoxins produced by *Pyrenophora teres* and its mode of action. Genetical relationship between *Pyrenophora* species. V. Smedegard-Petersen. [M. Bonde (7)]
- f. Marine fungi on wood. J. Koch. [M. Bonde (7)]
- g. A study of the distribution and possible symbiotic role of endophytic fungi within coniferous needles. [G.C. Carroll (12)]
- h. Studies on the effect of coal strip-mine spoil on ecosystem functions involving fungi, primarily decomposition rate and mycorrhizal development. D.E. Davidson. [M. Christensen (14)]
- i. Fungal pathogens of the common cattle grub, *Hypoderma lineatus*. [M. Christensen (14)]
- j. A survey of western U.S. sand dune microfungi. [M. Christensen (14)]
- k. Corticolous myxomycetes from Ohio: Cedar Bog and John Bryan State Park. [H.W. Keller (32)]
- l. Mycological and lichenological flora of Exe Island, Big Rideau Lake, Ontario (44° 44' N, 76° 12' W). [R.P. Korf (34)]
- m. Coevolution of rhododendrons with their rusts. [E.E. Leppik (38)]
- n. Cellular slime molds of southern California. M. Benson. [D.P. Mahoney (40)]
- o. Structure and function of cell components involved hyphal growth; initiation and development of mutualistic and parasitic relationships; biology of mutualistic and parasitic fungi. S. Grove. [D. Merner (42)]
- p. Animal pathogenic fungi and soil microbiology. N. McClung. [D. Merner (42)]
- q. Fungal physiology; mechanisms of fungal morphogenesis. F. Eilers. [D. Merner (42)]
- r. Studies on fungi inhabiting beach sands in the Tampa area; biology of fungi on marine angiosperms. [D. Merner (42)]
- s. Protein polymorphisms (isozyme differences) in natural populations of fungi (*Ceratocystis ulmi*). [F.B. Reeves (49)]
- t. Ecology and cytology of *Sphacelotheca reiliana* in Natal. [F.H.J. Rijkenberg (50)]
- u. Diagnosis of opportunistic fungus infections in patients with neoplasias by detection of fungal antigen in serum. [J.W. Rippon (51)]
- v. Biochemical aspects of initial germination of fungal spore; morphogenesis of the fungal spore; cell wall biosynthesis of zoospores. [J. Shishiyama (53)]
- w. Decomposition and element cycling in a cold desert ecosystem. (J. States (57))
- x. RNA polymerase during the development of conidia in *Neurospora crassa*. [W. Timberlake (59)]
- y. Rodent mycophagy of hypogeous fungi. [J.M. Trappe (60)]
- z. The frequency of mosquito larvae infestation with Trichomycetes. [M.C. Williams (66)]

2. COURSES IN MYCOLOGY:

- a. Arizona: Northern Arizona University. Microbial Ecology, Fall, 1974. Undergraduate level. J. States and D. Blinn. [J. States (57)]
- b. Florida: University of South Florida. Fungal Physiology, F. Eilers; Selected Topics in Cellular Morphogenesis, S. Grove; Medical Mycology, N. McClung; Ascomycetes, F.K. Sparrow, visiting professor; Field Mycology, D.T. Wagner-Merner. 1974-1975. [D. Merner, (42)]
- c. Ohio: Wright State University. Biology of Slime Molds, Winter, 1974-75. [H.W. Keller (32)]

- d. Wisconsin: University of Wisconsin, Madison. Advanced Mycology, Fall, 1974.
W.F. Whittingham, H.H. Burdsall, Jr. and M.J. Larsen. [H.H. Burdsall, Jr. (9)]
- e. Wisconsin: Edible and Poisonous Green Plants and Mushrooms, Summer, 1974.
[J.W. Baxter (4)]

WITH REFERENCE TO CULTURES MARKED (c) AND SPECIMENS MARKED (s) IN ITEMS 3, 4 and 5,
NOTE: The provisions of the Federal Plant Pest Act of 1957 and the Regulations
issued thereunder require that plant pathogens will move interstate under a permit
issued by the Agricultural Quarantine Inspection Program, Animal & Plant Health
Service, U.S. Dept. of Agriculture, Federal Center Building, Hyattsville, Md. 20781.
Your requests for permits will be given prompt attention.

3. FUNGI FOR DISTRIBUTION: CULTURES (c) AND SPECIMENS (s)

- a. Oomycetes
1. *Pythium* spp. (c) [O. Vaartaja (62)]
- b. Ascomycetes
1. Gymnoascaceae (c) [G.F. Orr (45)]
2. *Ceratocystis* spp. (c) [R.W. Davidson (17)]
- c. Fungi Imperfecti
1. A colorless mutant strain of *Helminthosporium oryzae*, conidial stage of
Cochliobolus miyabeanus Ito & Kuribayashi, Kyoto-13, obtained from UV irradiation.
[J. Shishiyama (53)]
- d. Basidiomycetes
1. *Volvariella volvacea* (c) [S. Chang (13)]
2. Gasteromycetes (c) and (s) [V. Demoulin (18)]

4. FUNGI WANTED: CULTURES (c) AND SPECIMENS (s)

- a. Myxomycetes
1. *Badhamia*, *Diachea*, *Licea*, and *Clastoderma* spp. (s) [H.W. Keller (32)]
2. *Stemonitis* spp. (c) [J.L. Koevenig (33)]
- b. Oomycetes
1. *Pythium* spp. (c) O. Vaartaja (62)]
- c. Zygomycetes
1. Endogonaceae (s) [J.M. Trappe (60)]
- d. Ascomycetes
1. Gymnoascaceae (c) and (s) [G.F. Orr (45)]
2. Pyrenomycetes (c) [S.T. Carey (10)]
3. *Ceratocystis ulmi* (c) from geographical areas throughout the U.S. If you have
such cultures contact F. Brent Reeves. A permit is required for shipping.
[F.B. Reeves (49)]
4. *Ceratocystis* spp. (c) [R.W. Davidson (17)]
5. Any Discomycetes [K.L. O'Donnell (44)]
6. Discomycetes from the Neotropics for Flora Neotropica specialists currently
preparing monographs (s) [R.P. Korf (34)]
7. *Stictis* spp. and related Ostropalean fungi (s) [M. Sherwood (52)]
8. *Anthracobia* spp. (c) and (s) [H.J. Larsen (36)]
9. *Allophylaria*, *Belonioscypha*, *Calycella*, *Cyathicula*, *Davincia* and *Phialea* spp.
(c) and (s); *Gelatinodiscus flavidus* (c) [S. Carpenter (11)]
10. *Neocosmospora* spp. (c) and/or (s) [D.P. Mahoney (40)]
11. Hysteriaceae, Patellariaceae and *Hysteropatella* spp. (s) [H. Goree (25)]
12. *Elaphomyces* spp. and Tuberales (s) [J.M. Trappe (60)]
- e. Fungi Imperfecti
1. Toxicigen *Penicillium* spp., identified or unidentified (c) [J. Pitt (47)]
2. *Phialophora jeanselmei*, *P. gougerotii*, *P. dermatitidis* and *Sporothrix schenckii*
(c) [M. McGinnis (41)]
- f. Basidiomycetes
1. *Lepiota* spp. *sensu lato* (s), especially from the Pacific Coast [W.J. Sundberg (58)]
2. Any hypogeous species (s) [J.M. Trappe (60)]
3. Gasteromycetes especially *Lycoperdon* spp. (s) [V. Demoulin (18)]
4. *Puccinia monarda* J.W. Baxter on *Monarda didyma*, *M. media* and *M. clinopodia*
from West Virginia, western Pennsylvania, Ohio and North Carolina (s) and
P. menthae on peppermint (s) [J.W. Baxter (4)]

5. FUNGI: IDENTIFICATION OF CULTURES AND SPECIMENS

- a. Myxomycetes
 - 1. *Badhamia*, *Licea*, and slime molds from living trees (s) [H.W. Keller (32)]
- b. Oomycetes
 - 1. *Pythium* spp. (c) [O. Vaartaja (62)]
- c. Zygomycetes
 - 1. Endogonaceae (s) [J.M. Trappe (60)]
- d. Ascomycetes
 - 1. Gymnoascaceae (c) and (s) [G.F. Orr (45)]
 - 2. *Ceratocystis* spp. fruiting (c) [R.W. Davidson (17)]
 - 3. *Neocosmospora* spp. (s) and/or (c) [D.P. Mahoney (40)]
 - 4. Pezizales (c) and (s); tropical Geoglossaceae (c) and (s) [D. Pfister (46)]
 - 5. Pyronemataceae, Otideoideae (s) worldwide; Hemiphacidiaceae (s) worldwide; Arachnopezizeae (s) worldwide; Naevioideae (s) from Neotropics [R.P. Korf (34)]
 - 6. *Anthracobia* spp. and *Trichophaea* spp. (c) and (s) [H.J. Larsen (36)]
 - 7. *Elaphomyces* spp. and Tuberales (s) [J.M. Trappe (60)]
 - 8. *Stictis* spp. and related Ostropalean fungi (s) [M. Sherwood (52)]
 - 9. *Allophylaria*, *Belonioscyphae*, *Calycella*, *Cyathicula*, *Davincia* and *Phialea* spp. (s) [S. Carpenter (11)]
- e. Fungi Imperfecti
 - 1. *Penicillium* spp. (c) [J. Pitt (47)]
 - 2. *Phialophora jeanselmei*, *P. gougerotii*, *P. dermatitidis* and *Sporothrix schenckii* (c) [M. McGinnis (41)]
 - 3. *Trichophyton*, *Microsporium Phialophora* and *Fonsecaea* spp. (c) [J.W. Rippon (51)]
- f. Basidiomycetes
 - 1. Aphyllophorales especially Corticiaceae (s) with advance arrangements [H. Burdsall, Jr. (9)]
 - 2. Lycoperdales and Sclerodermatales (s) [V. Demoulin (18)]
 - 3. Any hypogeous species (s) [J.M. Trappe (60)]
- g. Miscellaneous
 - 1. Fossil fungus spores (s) of Mesozoic and Cenozoic age, either in vial suspension or mounted on glass slides, no. 0 or 1 coverslips [W.C. Elsik (20)]
 - 2. Mycologists willing to identify any groups of fungi from the Neotropics are wanted. [O. Holmquist (29)]

6. MYCOLOGICAL WORKS FOR SALE OR EXCHANGE:

- a. Bulmer & Nhuan, 1974. Fungus Diseases of Southeast Asia. 277 pp. plus photos, sketches, tables and large appendix. Published in Saigon in English and Vietnamese. Although designed for teaching the mycoses in Southeast Asia, a limited number of English versions are available for \$5.00. [G.S. Bulmer (8)]
- b. Chang, S.T., 1972. The Chinese Mushroom (*Volvariella volvacea*) Morphology, Cytology, Genetics, Nutrition and Cultivation. University Publications Office, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong.
- c. A complete set of Mycologia with index through 1966. The first thirteen volumes and the index are bound. [E.A. Dick (19)]
- d. Bessey, E.A., 1950. Morphology and Taxonomy of Fungi. Hafner reprint. [J.N. Holliday, Jr. (28)]
- e. Die Pilze Mitteleuropas, 1st edition (1926-37), folio, incomplete: most of the text, 62 illustrations (45 in color) of which 55 in excellent condition. \$25. Mycologia, vol. 61, no. 1 thru vol. 65, no. 5. \$24. Several hundred plates from Cooke, Hymenomycetes, 1881-91. 50¢ each. [R. Machol (39)]
- f. McAlpine, D. The Rusts of Australia (1906) and The Smuts of Australia (1910). Two volumes, bound in original covers. \$10 for the pair. [R.P. Korf (34)]
- g. Reprints covering all groups of fungi. Inquire. [W.W. Ray (48)]
- h. Shokubutsu Byogai Kenkyu (Research on Plant Disease), an irregular journal. March, 1973 vol. 8 was issued for the retirement of Prof. S. Akai. Available 3,600 yen with postage. [J. Shishiyama (53)]
- i. Collection of 28 original water colors illustrating 96 mushroom species; collected by Franklin Root Rathbun in New York State during the period from 1896 to 1899 while he was a professor of Botany at Cornell University. All his original work papers on Cornell University stationery, photographs, pencil drawings and final notebook are included with the collections. \$18,000. [P. Martini (67)]
- j. Skinner, C., C. Emmons & H. Tsuchiya. 1947. Henrici's Molds, Yeasts and Actinomycetes, 2nd edition. \$3.50 + \$.50 pp.
- Peppler, H., 1967. Microbial Technology, 1st edition. \$4.00 + \$.50 pp.

Smith, G., 1954. Introduction to Industrial Mycology, 4th edition. \$3.00 + \$.50 pp.
 Tucker, C.M., 1931. Taxonomy of the Genus *Phytophthora* DeBary, 1st edition.
 \$5.00 + \$.25 pp.
 Thom, C. & K. Raper. 1945. Manual of the *Aspergilli*. 1st edition. \$8.00 + \$.50 pp.
 Wogan, G.N. 1965. Mycotoxins in Foodstuffs, 1st edition. \$5.00 + \$.50 pp.
 Holton, C.S., G.W. Fisher, et. al. 1959. Plant Pathology, Problems and
 Progress, 1908-1958. \$5.00 + \$.50 pp.
 Peck, C.H. 1900. Edible Fungi of New York. Mem. N.Y. State Museum vol. 4 no. 3.
 \$8.00 + \$.50 pp.
 Kleijn, H. 1962. Mushrooms and other Fungi. Color photos. \$8.00 + \$.50 pp.
 Rea, C. 1968. British Basidiomycetaceae. Reprint, paper cover. \$8.00 + \$.50 pp.
 Mycologia, vols 63-65. Complete. \$5.00 per volume. \$15.00 three volumes + \$5.00 pp.
 Abstracts of Mycology, vol. 1 no. 1, 2 & 6. Separately \$2.50 + \$.25 pp.
 All three \$5.00 + \$1.00 pp. [F.A. Hodges (27)]

7. MYCOLOGICAL WORKS NEEDED:

- a. Cummins, G.B. Illustrated Genera of Rust Fungi. [J.W. Baxter (4)]
- b. Tuite. Plant Pathological Methods. [W. Sundberg (58)]
- c. Ellis, J.B. & B.M. Everhart. 1892. The North American Pyrenomycetes. [M. Corlett (16)]
- d. Krok, Th. O. 1925. Bibliotheca Botanica. Suecana.
 Meschinelli, A. 1902. Fungorum fossilium omnium hujusque cognitorum Iconographia.
 A photocopy of the original description of *Lycoperdon ulmi* Bell., Oss. Bot. 59.
 1788. [V. Demoulin (18)]
- e. Zundel, G.L. 1953. The Ustilaginales of the World. Pennsylvania State Coll.
 School of Agric., Contr. 176, 410 pp.
 Cunningham, G.H. 1931. The Rust Fungi of New Zealand. [Y. Harada (26)]
- f. Singer. Agaricales in Modern Taxonomy. [O. Holmquist (29)]
- g. Karsten, P.A. 1869. Monographia Pezizarum Fennicarum. Helsing, F. 8°. Notiser
 Fauna et Fennica X: 99-206. [H.J. Larsen (36)]
- h. Seaver, F. 1942, 1951. North American Cup Fungi, Operculates (Supplemented Vol. 1)
 and Inoperculates (Vol. 2). [H.A. Treibs (61)]
- i. Bresadola, 1881-92. Fungi Tridentini. Parts 6-14 (pp. 71-232, plates 76-217)
 or parts thereof.
 Four plates from Cooke, Hymenomycetes, 1881-91. Will pay \$10.00 each. [R. Machol (39)]
- j. Mycologia, vols. 25-27, 35-42.
 Taxonomic reprints on Myxomycetes prior to 1950. [H.W. Keller (32)]
- k. Reports and papers, especially those published in foreign journals or in regional
 journals, on any aspect of the Mucorales. [C.W. Hesseltine (68)]
1. A catalog of movies related to mycology.
 Any movie depicting the life cycle of a fungus. [D.J. Siehr (54)]

8. MYCOLOGICAL WORKS STOLEN:

The following books have been stolen from the Mycological Library of the University
 of Liege:

P. Builliard, Champignons de la France, vol. I and II. Brown cover on the back,
 in gold on red: "Builliard. Champignons de la France", in gold on green:
 "Planches" with n°. Printed label "Ex libris Paul Baar, Université de Liège,
 Laboratoire de Morphologie Végétale et de Systématique (Mycologie)" glued in the
 upper left corner inside of the cover. Numbers in red ink and pencil annotations
 in lower margin of plates.

J.C. Schaeffer, Fungorum qui in Bavaria... Icones, vol. I and II. Beautiful leather
 binding. Handwritten dedication by Schaeffer to the Prince-Bishop of Liège on vol. I.

F. Van Sterbeeck, Het Toneel der Campernoetien.

S. Vaillant, Botanicon Parisiense. Vellum binding somewhat damaged on back.

The loss of these books which are very rare will greatly impair the research of
 V. Demoulin in the matter of typification. The help of the Society members in trying
 to locate the stolen books will be greatly appreciated. [V. Demoulin (18)]

9. GRADUATE ASSISTANTSHIPS:

- a. Illinois. Southern Illinois University. Teaching Assistantship for Master's
 degree program. Bachelor's degree with emphasis in Botany required.
 [W. Sundberg (58)]
- b. Florida. University of South Florida. Teaching Assistanships are available
 for graduate students in the Mycology Program. Qualified students are admitted
 each quarter but usually stipends are awarded once a year in the spring.
 [D. T. Wagner-Merner (42)]

10. MYCOLOGISTS LOOKING FOR EMPLOYMENT:

- a. Sami Hemaim Abdel-Malak, B.S. 1957, Alexandria Univ. (Egypt); M.S. 1964, Kansas State Univ.; Ph. D. 1974 (Spring), Univ. of Maine. Thesis: Chemotaxonomic significance of alkaloids and cyclopeptides in *Amanita* species. Research: Natural products from fungi. Teaching: Plant Biology, Plant Physiology, Microbiology and General Botany (audio-tutorial). [R.L. Homola (30)]
- b. Mary E. Averill Bernstein, B.S. 1967, Kent State University; M.A. 1969, University of Oregon; Ph.D. University of Oregon, exp. Summer, 1974. Research interests: Phyllosphere microorganisms; environmental adaptations of microorganisms. Teaching competence: Mycology, Microbiology, General Botany, General Biology. Thesis title: Microbial populations of Douglas fir needles. Publications: Bernstein, Mary E., H.M. Howard and G.C. Carroll. 1973. Fluorescence Microscopy of Douglas Fir Foliage Epiflora. Can. J. Microbiology 19:1129-1130. [M.E. Bernstein (6)]
- c. Dennis D. Gaunt, B.A., M.S., Ph.D. 1972 Univ. Iowa. Research interests: Fungal taxonomy-Basidiomycetes. Teaching competence: Botany, Mycology. Thesis title: Incompatibility Factors in *Panus tigrinus*. Publications: Eggert & Gaunt. Phloem in *Sphenophyllum*. Amer. Journ. Bot., 1973. [D. Gaunt (23)]
- d. Kerry L. O'Donnell, Ph.D. Spring, 1975, Michigan State University. Research interests: General Mycology, Apothecium Ontogeny. Teaching competence: General Botany, Mycology, Cell Biology, Plant Morphology. Thesis title: Correlative Light Microscopic and Scanning Ultrastructural Ontogeny Studies on Several Operculate Discomycetes. Four publications to date. [K. O'Donnell (44)]
- e. Paul A. Mistretta, B.S. 1967, Fordham College (N.Y.); M.F. 1970, Duke Univ.; Ph.D. 1974 (Summer), Univ. of Maine. Thesis title: An evaluation of the generic limits in the family Polyporaceae employing numerical taxonomy. Research interests: Computer science and Systematics of Wood-Inhabiting Fungi. Teaching competence: General Botany (audiotutorial), Dendrology, Plant Pathology, Mycology, Lichenology. [R.L. Homola (30)]
- f. Timothy R. Rockett, Plant Pathology, 1970, Mycology, 1973, Kansas State Univ.. Research interests: Aerobiology; Biology of Basidiomycetes. Teaching competence: Botany, Biology, Mycology, Audio-tutorial systems. [T.R. Rockett (69)]
- g. Bal Vir Singh, B. Sc., M.Sc.; Research Interests: Ascomycetes, Rust Fungi and Imperfect Fungi. Teaching competence: Botany, Biology. Thesis title: Cytological, Developmental and Taxonomical Studies in some Coprophilous Fungi. Sept. 1974. Major Professor: Dr. R.F. Cain.
- h. William Timberlake, B.S. 1970, S.U.N.Y., College of Environmental Science and Forestry; M.S. 1972, same; Ph.D. 1974, same. Research Interests: Biochemical control of development in fungi. Teaching Competence: Mycology, Cell physiology, Developmental Biology. Eight publications to date. [W. Timberlake (59)]
- i. Fred VanDeBogart, Jr. B.Sc. 1965, Univ. of Washington; M.Sc. 1971, Univ. of Washington; Ph.C. (Candidate in Philosophy), 1973, Univ. of Washington. Research interests: Taxonomy and Morphology of Basidiomycetes. Teaching competence: General Biology, General Botany, General Mycology, Elementary Plant Taxonomy, Taxonomy and Morphology of Basidiomycetes. Thesis title: The Genus *Coprinus* in Washington and Adjacent Western States. Ph.D. Summer, 1974. Major Professor: D.E. Stuntz. [F. VanDeBogart, Jr. (63)]
- j. K. Andrew West, M.A., August, 1974, Southern Illinois Univ. Research interests: Systematics and ecology of fleshy fungi; forest pathology. Thesis title: Higher Basidiomycetes Associated with Pine in Southern Illinois. Publications: *Fomes pini* (Polyporaceae) in Southern Illinois and Southeastern Missouri. ASB Bull. 21:89. [W. Sundberg (58)]
- k. Joanne H. Williams, B.A. 1964 Univ. of Michigan; B.S. 1966 Univ. of Michigan; Ph.D. August, 1974 Univ. of Washington. Research interests: Taxonomic Mycology, Lichenology. Reaching competence: Biology, Microbiology, Botany, General Zoology. Thesis title: Collybioid Fungi of Western Washington. Major professor: D. E. Stuntz. [J.H. Williams (65)]

F. PERSONAL INFORMATION

1. MYCOLOGISTS WITH NEW AFFILIATIONS:

- a. D.H. Pfister has left the Tropical Mycology Laboratory, University of Puerto Rico, Mayaguez, and is now at the Farlow Herbarium and the Department of Biology at Harvard University.
- b. Paula Shefner, formerly at Illinois Institute of Technology, is now in the Diagnostic Mycology Laboratory, Billings Hospital.
- c. Dr. Linda Lasure, who has been a Research Fellow for the past two years with Dr. Alma W. Barksdale at The New York Botanical Garden, is now a geneticist with Miles Laboratories, Inc., Elkhart, Indiana, 40514.
- d. Dr. Sumalee Pichyang-Kura has completed her Ph.D. under Dr. E.S. Beneke at Michigan State University and is now teaching medical mycology at Chulalongkorn University, Bangkok, Thailand.
- e. Dr. Frank E. Nussbaum, Jr. has joined the Biology Department, Erskine College, DueWest, South Carolina. He was formerly with the Dept. of Biology, Eastern Michigan University, Ypsilanti, Michigan.
- f. Dr. Paul Still is doing a one-year postdoctoral study at the Northern Regional Research Laboratory with C.W. Hesseltine. Dr. Still is a recent Ph.D. graduate of the University of Wisconsin in Plant Pathology. He is investigating the mode of mycovirus infection in fungi.
- g. Dr. R.E. Koske, formerly a post-doctoral fellow in the Dept. of Environmental Biology, University of Guelph, is now a lecturer in the Dept. of Microbiology, University of Sydney, N.S.W. 2006, Australia.
- h. Dr. M. McGinnis is now Chief, Mycology Section, Bureau of Laboratories, South Carolina Department of Health and Environmental Control.
- i. Dr. Darwin E. Davidson, who came to the University of Wyoming in 1972 and recently completed a two-year study on root-associated and mycorrhizal fungi in the Pawnee Grassland (NSF/IBP supported), has been reappointed as a University research associate. He will be studying the effect of strip-mine spoil on ecosystem functions involving fungi, specifically microfungal community composition, decomposition rate and mycorrhizal development. The project is supported through the Wyoming Environmental Institute.

2. TRAVELING MYCOLOGISTS:

- a. Dr. R.R. Davenport, Univ. of Bristol, England spent four weeks at the Insitute de Botanica, São Paulo, teaching a course on "Mycology and taxonomy of fungi in fruit juices; yeasts and yeast-like organisms", sponsored by the Organization of the American States, Wash. D.C.
- b. Dr. Oton Holmquist, Laboratorio Nacional de Productos Forestales, Merida, Venezuela will be collecting fungi all around his country from June to Nov. 1974.
- c. Dr. Stanley J. Hughes, recently elected Fellow of the Royal Society of Canada, is spending two months at the Federal University of Pernambuco, Recife, Brazil, studying sooty moulds in the herbarium of the late A. Chaves Batista at the invitation of the University.
- d. Dr. Ray Watling of the Royal Botanic Garden, Edinburgh, Scotland, spent most of January and part of February at the University of Michigan Herbarium in connection with a monograph of the North temperate species of *Leccinum* now in the process of completion by R. Watling, A.H. Smith and H.D. Thiers.
- e. Dr. John Pitt will travel to England to work at the Commonwealth Mycological Institute, Kew in August, 1974 in addition to visiting the United States.
- f. Prof. Paul A. Lemke will travel this summer to England and Japan to present invitational papers on fungal viruses at the International Symposium on Genetics of Industrial Microorganisms (Sheffield) and the Intersectional Congress for the International Association of Microbiological Societies (Tokyo).
- g. G.S. Bulmer, Univ. of Oklahoma School of Medicine, returned in March from his fourth teaching visit at the Univ. of Saigon School of Medicine. During this last visit he presented a highly compressed four week course on Medical Mycology to representatives from seven Southeast Asian countries.
- h. Dr. F. Carroll is working with Emil Müller on endophytic needle fungi in Swiss conifers, Zürich, while Dr. G. Carroll is working with Ph. Matile on isolation and biochemical characterization of Woronin bodies.
- i. V. Demoulin will attend the 6th European Mycological Congress in Avignon, Oct. 1974, and collect Gasteromycetes in the Mediterranean region.
- j. Dr. J.W. Rippon will travel down the Amazon River by boat visiting clinics along the way in August.
- k. Dr. M. Fukutomi is planning to travel to the United States in July and Australia in August to participate in the symposium on the Fungal Spore at Utah and the International Congress of Electron Microscopy.

- l. Dr. C.J. Alexopoulos visited the campus of the Univ. of South Florida in conjunction with a meeting of some of the Florida mycologists who gathered in Orlando at Florida Technological University to talk of plans for the Second International Mycological Congress. Dr. Don Reynolds hosted the group on behalf of F.T.U.
- m. Prof. Sultan Ahmad, Panjab Univ., Lahore, Pakistan has been at the National Fungus Collections since 1 March 1974. He is well-known throughout the world for his floristic work on fungi of Pakistan and India. Over 26,000 specimens collected by him are located at Lahore [LAH] and duplicates of several thousands are deposited with National Fungus Collections.
- n. Dr. R.W. Davidson has recently received an NSF Grant to study forest tree diseases in Taiwan. He will be working with Dr. Chin-Yuan Chien of National Taiwan Normal Univ. and Dr. T. Chen, National Taiwan Univ.
- o. Dr. Ed F. Wicker was given a Japanese Government Research Award from the Japanese Science and Technology Agency. He will leave 14 May 1974 for Sapporo, where he will spend 6-7 months working on rusts of white pines. He will also visit Seoul, Republic of Korea to review the pine rust problems there.
- p. Visitors to the mycological section of Biosystematics Research Institute, Ottawa, included: G. Vaillancourt, Univ. of Toronto; S. Gayed, Delhi Research Station; Wm. I. Illman and M. Walsh, Carleton Univ., Ottawa; Z. Smetana, Ottawa; H. Upadhyay, Recife, Brazil; R. Crete, St. Jean, Quebec; C. Gourley, C.D.A. Kentville, Nova Scotia; R. Cauchon, Quebec, P.Q.; L. Margulis, Boston; B. MacNeill, Univ. of Guelph; J. Drew Smith, Saskatoon, Saskatchewan; Charles Dorworth and C. Davis, Sault Ste Marie, Ontario; P. Cavers, Univ. of Western Ontario; and W.R. Hawthorn, Univ. of Waterloo.

3. AWARDS AND REWARDS:

- a. Dr. F.K. Sparrow was invited to join the Biology faculty as visiting professor of the Univ. of South Florida while he wintered in Florida. He taught a course in Aquatic and Marine Fungi, 1973-74.
- b. Alexander H. Smith of the University of Michigan Herbarium will serve as Senior Mycologist for the Aspen, Colorado, Mushroom Conference, 26-30 August 1974. The conference is sponsored by Colorado Mountain College, Glenwood Springs and Beth Israel Hospital, Denver, Colorado.
- c. Dr. John Rippon will be Chairman of Program Committee at the PAHO 3rd International Conference on Mycoses, São Paulo, Brazil, 29 August 1974.
- d. In appreciation of his Medical Mycology efforts in Vietnam since 1970, the Univ. of Saigon, School of Medicine appointed G.S. Bulmer to their faculty. Also for his efforts in Vietnam, the American Medical Association presented him with a Service Recognition award.
- e. Dr. J.B. Garner is the E.P.A. representative on the National Academy of Science panels dealing with: Vapor Phase Organic Air Pollutants from Hydrocarbons; Chlorine and Hydrogen Chloride and Photochemical Oxidants and Ozone.
- f. A. H. Smith has been elected president of the Research Club of the University of Michigan for 1974-75.
- g. João S. Furtado was appointed Treasurer for the Sociedade Brasileira de Microbiologia and Editor of the Revista de Microbiologia.
- h. Dr. James L. Koevenig has been named an Outstanding Educator of America for 1974.
- i. Dr. M.C. Williams, Kearney State College, was promoted from Assistant to Associate Professor.

4. INVITATIONAL PAPERS AND LECTURES:

- a. Dr. R.T. Moore presented an exhibit of scanning electron micrographs of basidiospores to the Fungi '73 Exhibition of the British Mycological Society, 1 Dec. 1973. On 9 Jan. 1974 he gave a lecture on "Septal Structure in the Classification of the Higher Fungi" to the Dept. of Botany of The Queen's Univ. of Belfast.
- b. Dr. H. Thiers gave an invitational lecture to the Los Angeles Mycological Society on "The Boletes of California", presented a seminar at the Univ. of California, Davis on "The Fleishy Fungi of the Kaibab Forest of Northern Arizona," and gave an invitational lecture to the San Francisco Mycological Society on "A Comparison of North American and European Boletes."
- c. C.J. Alexopoulos spoke to the Sigma Xi Chapter of the Univ. of Southern Mississippi, Hattiesburg, Miss. on "Myxomycetes-Intriguing Plantanimals" on 1 April 1974. He was also a guest speaker at the annual meeting of the Pan-American Allergy Society in Dallas, Texas on 5 May 1974 lecturing on Air-borne Fungi.
- d. Dr. J. Shishiyama lectured on the utilization of microorganisms as a food source in the future at Ehime Univ. 18 Feb. at the invitation of the Japan Council of Science.

- e. V. Demoulin was invited to give a lecture on "Aspects de la végétation des U.S.A. Reflexions d'un botaniste européen" at the occasion of the general assembly of Societe Royale de Botanique de Belgique in Brussels on 9 Feb. 1974.
- f. E.C. Setliff lectured on "Nuclear behavior in basidia of *Poria latemarginata*", 13 May 1974 at the Dept. of Botany and Plant Pathology, University of Maine.
- g. On 23 April 1974 Alexander H. Smith of the University of Michigan Herbarium gave a seminar to the staff and students of the Dept. of Botany of the Univ. of Toronto on the genus *Lactarius* in North America and on 29 April gave a lecture on "Mushroom areas of interest in North America" to the New York Mycological Society in New York City.
- h. J.W. Baxter gave three invitational lectures this spring. He discussed the life cycle studies of rust fungi on 22 Jan at the Dept. of Plant Pathology, Univ. of Wisconsin at Madison and at the Dept. of Biology, Beloit College on 24 April. He also spoke on the Morning Scene Program about edible and poisonous mushrooms.
- i. J.H.B. Garner presented the paper "The Death of Woody Ornamentals Associated with Leaking Natural Gas" at the 49th International Shade Tree Conference, Boston, Mass. in August 1973 and presented two lectures, "Trace Metals in the Environment" and "Environmental Standards" to the course in Ecology and Man at Duke University during the Spring Semester, 6 March and 10 April 1974.
- j. J. Rippon will lecture on mechanisms of fungal pathogenicity at the Third International Conference on Mycoses in São Paulo, Brazil 29 August 1974.
- k. Dr. Tien-ming Jen spoke on Studies on 5-Fluorocytosine in Treatment of Yeast-like Fungus Infections in Chinese at the Regional Conference of Dermatology at Singapore on 9 May 1974.

5. RETIREMENTS:

- a. Dr. Shigeyasu Akai retired from Kyoto University in March 1973 and is now working at the Mycological Institute of Japan, 8-1, Hiraicho, Kiryu City for ten days a month.
- b. Dr. W. Winfield Ray retired from the School of Life Sciences, Univ. of Nebraska on 1 June 1974. He will remain in Lincoln during the next academic year.
- c. I.L. Connors, Emeritus Member 1972, has continued his interest in Plant Pathology and Mycology since his retirement from the Canada Dept. of Agriculture in 1962. Since 1967 he has been preparing an *Index Nominum Genericorum* for the Mycology Section of the Biosystematics Research Institute, Ottawa, where he is an honorary Research Associate of the Institute. The entry of each genus is supported by facsimile copies of the original descriptions of genus, types, syntypes and basionyms, suitably preserved. Despite its incomplete state, the *Index* is proving useful to his mycological colleagues.

6. DEATHS:

- a. John Robert Raper, of the Biological Laboratories, Harvard University, died unexpectedly at the age of 62 after a brief illness on 21 May 1974. He was widely known for his work on sexuality and sexual hormones in *Achlya*, as well as for his genetic studies of *Schizophyllum*, and more recently of *Agaricus*. A full biography will appear in *Mycologia*.
- b. Frank Dunn Kern, a Charter Member of the Society and Emeritus Dean of the Pennsylvania State University, died recently at the age of 90. He had a lifelong interest in plant pathogenic fungi, particularly the rusts and in tropical fungi. His two monographs of the genus *Gymnosporangium* appeared in 1911 and 1973, a record of longevity of interest rarely equalled among mycologists. A biography will appear in *Mycologia*.
- c. Dr. Giichi Nisnikado died on 26 August 1973 in Kyoto, Japan.

7. BIRTHS:

- a. David and Carolyn Specht announce the birth of a daughter, Anna Louise, born 5 April 1974.

8. GIFT:

Mrs. Naomi Jackson Groves, the widow of the late Dr. J. Walton Groves, presented his extensive mycological library to the National Mycological Herbarium of Canada on 15 March 1974.

G. LAST MINUTE ANNOUNCEMENT:

MYCOTAXON, A NEW JOURNAL "DESIGNED TO EXPEDITE PUBLICATION"

Two M.S.A. members, Grégoire L. Hennebert of the Université de Louvain, Belgium, and Richard P. Korf, of Cornell University, are Co-editors of a new "international journal designed to expedite publication of research on taxonomy and nomenclature of fungi and lichens" which will make its appearance in September, 1974.

The journal will be published quarterly by photo-offset from author-prepared copy, and aims to publish all acceptable manuscripts within one to four months of submission. A second aim of the editors is to avoid any page charges to authors; manuscripts may be of any length, from a one-page note to a book-length monograph, in either French or English, with summaries in any language.

The regular subscription price for U.S. and Canada is \$15 per volume, but individuals may subscribe for their personal use at \$6 per volume; other foreign subscriptions are \$1 more to cover postage.

A free sample copy of Vol. 1, No. 1 will be mailed to those requesting it; write MYCOTAXON, P.O. Box 264, Ithaca, NY 14850.

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