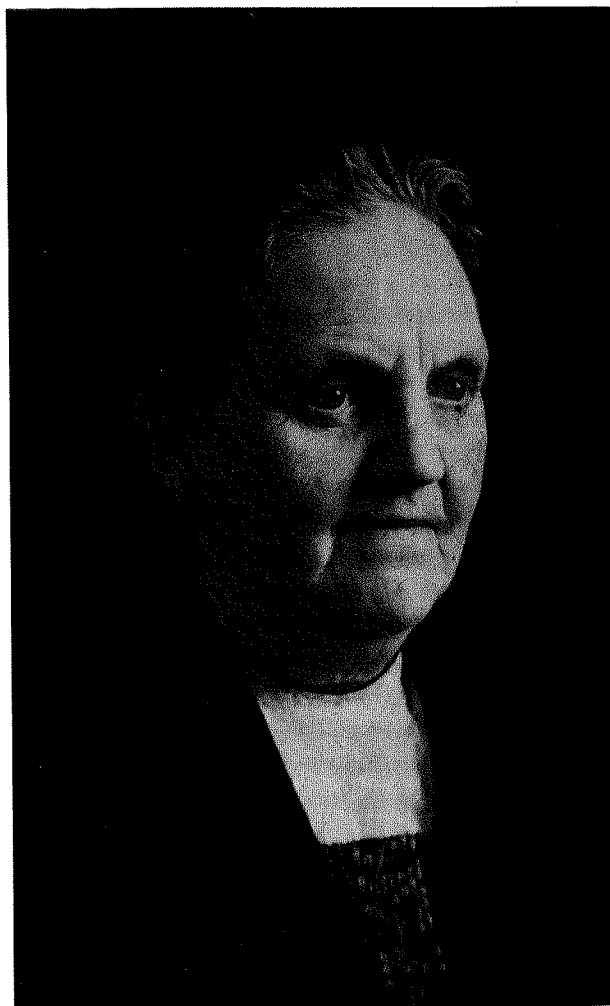




Annie Lorraine Smith (1854-1937), an "unofficial worker" at the British Museum (Natural History), who made important contributions to the study of British fungi as well as lichens. Well known for her textbook "Lichens" and "Monograph of British Lichens"—D. L. Hawksworth

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Notes and News

Asta, J. (France)—Étude de la flore et de la végétation lichéniques de la région de Grenoble en rapport avec la végétation phanérogamique. Étude de la végétation lichénique du Parc National de la Vanoise, depuis 1970 en coll. avec G. Clauzade et Cl. Roux.

Awasthi, D. D. (India)—My monograph on *Dirinaria* is now in press and will be available soon.

Bernard, Th. (France)—Continue ses recherches sur le métabolisme azoté de quelques Stictacées et en particulier de *Lobaria laetevirens*. Après avoir mis en évidence par chromatographie le précurseur de la triméthylamine, il cherche à en déterminer la structure. Par ailleurs, il essaie d'obtenir en culture pure le développement des symbiotes isolés.

Boissière, J.-C. (France)—Étudie les parois (principalement des hyphes) de différentes espèces de Lichens, en associant des extractions partielles de composés polysaccharidiques et des études comparatives en microscopie électronique. L'ontogénie et la structure précise de ces parois sont examinées. Poursuit l'inventaire de la flore lichénologique du massif de Fontainebleau.

Boissière, M.-C. (France)—Travaux publiés: Ultrastructure de *Peltigera canina*; mise en place des différents "tissus" au cours de la croissance marginale du thalle; détection de réserves polyglucosidiques dans les *Nostoc* symbiontes de plusieurs Lichens. Actuellement sont étudiés: le problème posé par les rapports entre les réserves de métaphosphates chez les Lichens à Cyanophytes et les diverses activités phosphatasiques décelées en microscopie électronique; structure et rôle des corps concentriques (= ellipsoïdal bodies).

Bystrek, J. (Poland)—Working on the lichen flora of the Lubin Highland with notes on distribution and keys for identification; the influence of SO₂ on the lichen flora surrounding sulfur mines; distribution of *Usnea* in the Tatra Mts. and the decay of certain species as a result of intensive industrial development; continuing work on *Alectoria*.

Clauzade, G. (France)—Poursuit l'étude écologique et phytosociologiques des Lichens méditerranéens et subméditerranéens, en coll. avec Mlle J. Asta (Grenoble), Cl. Roux (Marseille), A. Vezda (Brno) et J. Vivant (Orthez). Prépare une étude de la végétation lichénique calcicole du Sud-Est de La France, en coll. avec Cl. Roux.

Déruelle, S. (France)—Flore et végétation lichénique de la région parisienne: Étude du bois de Maurepas (Yvelines).

Fabiszewski, J. (Poland)—In September and October I held a "Deutscher Akademischer Auslandsdienst" fellowship to collaborate with Dr. R. Tüxen (Todenmann über Rinteln) in a comparison of European and American peat bogs. The role of lichens in peat bog communities will be studied.

Finnegan, E. J. (Canada)—Continuing work on Devon Island in the Canadian high arctic as part of an I.B.P. Project. The studies involve assessing primary productivity and the importance of lichens in this environment.

Follmann, G. (Germany)—G. Keuck, Dept. of Biology, University of Chile, Valparaiso, received a two-year fellowship from the German Academic Exchange Service to conduct lichen studies at the Natural History Museum, Kassel.

Galloway, D. J. (New Zealand)—Have transferred to Botany Division, Dept. of Scientific Industrial Research (D.S.I.R.), and will take up a position as New Zealand's first full-time lichenologist in January 1973. I will visit collections in Britain and Europe for 3 years and be based in London at the Natural History Museum where I shall collaborate with Peter James on a book on the macrolichen genera and their species of New Zealand and the sub-Antarctic Islands. Current interests on N.Z. lichens are: surface structures using the Scanning Electron Microscope and a study of the species of *Stereocaulon* and *Usnea* (*Neuropogon*); continuing studies of the alpine lichens and the offshore island lichen flora, particularly Stewart Island.

Harris, R. C. (U.S.A.)—Working on North American pyrenolichens (excluding the Verrucariaceae), especially *Arthopyrenia*, and would appreciate receiving specimens for study, especially those from west of the Mississippi, as well as any saxicolous material. Address: Botany Dept., Michigan State University, East Lansing, Mich.

Hawksworth, D. L. (England)—W. L. Culberson sent me last year the cards he had compiled listing lichen names published since Lamb's *Index*. These have been added to and checked and are to be published as a *Supplement* to the *Index of Fungi*, covering the period January 1961 to 31 December 1969 but also including some omissions from earlier catalogues. Work on *Alectoria* continuing with an account of the British species in press. A book on *Air Pollution and Lichens* edited by B. W. Ferry, S. M. Baddeley, and myself, including 17 chapters by some 18 authors, is to be published later this year. I am also carrying out some studies on lichenicolous fungi in Britain, chemistry of British species of *Usnea*, and preparing a lichen flora of Devonshire.

Hill, D. J. (England)—Now Demonstrator in the Dept. of Botany, The University of Newcastle-upon-Tyne, Newcastle-upon-Tyne NE1 7RU, where I am working on the movement of carbohydrates between lichen symbionts, the toxicity of sulphur

dioxide with reference to air pollution, and the taxonomy of *Coccocarpia* and related genera.

Janex-Favre, M.-C. (France)—Analyse de l'ontogénie et de la structure des ascocarpes chez divers Pyrénolichens (*Belonia*, *Strigula*); étude de l'ultrastructure de l'appareil sporophytique et des asques chez des Ascomycètes, lichénisants ou non (actuellement mise au point des techniques).

Kallio, P. (Finland)—Have studied nitrogen fixation in *Solorina crocea*, *Nephroma arcticum*, *Stereocaulon paschale*, and *Peltigera aphthosa* with material mostly from the Kevo research station. The fixation response to temperature, moisture, light as well as to the "aftereffect" of low temperature have been the main problems. The work will continue in 1973.

Kofler, L. (France)—En collaboration avec Madame Villiot (technicienne) et M. Fontanges (CRSSA, Lyon), étudie l'action de poussières urbaines sur la germination des spores de *Physcia pulverulenta* et *Xanthoria parietina* (communication au Congrès de l'A.F.A.S., Juin 1971, Chambéry); étudie l'effet du SO₂ et de sulfite sur la germination des spores ces mêmes Lichens et sur la croissance des hyphes de *Cladonia* (Contrat de la DGRST de 1971-73).

Krog, H. (Norway) and **Swinscow, T. D. V.** (England)—We are working jointly on a macrolichen flora of tropical East Africa. This includes Ethiopia, Uganda, Kenya, and Tanzania. Recently we made large collections separately and jointly in Ethiopia and Kenya. A section on Uganda will be written up first by T.D.V.S., who has travelled extensively in that country and also received specimens from botanists there.

Lallemant, R. (France)—Étudie développement des sorédies. Culture de différents mycobiontes. Morphogène du thalle.

Letrouit-Galinou, M. A. (France)—Développement des ascocarpes et des pycnides chez quelques Gyalectacées.

Llimona, X. (Spain)—I have been working for several years on Mediterranean Spanish lichens, mainly with the aid of G. Clauzade and V. Wirth. I offer the collaboration of the Spanish group of lichenologists, now growing, in dealing with

Ly-X.-T. (Vietnam)—I have been taking interest in a study of the lichen flora of S. Vietnam, and already started collecting specimens from the area. Am receiving "long-distance guidance" on this project from D. D. Awasthi. I am in the Botany Department, Saigon University.

Malicki, J. (Poland)—Continuing studies on the influence of usnic acid in terrestrial lichens on various plant communities such as forests and dunes.

Massé, L. (France)—Étude phytogéographique et écophysiologique des groupements à Lichens et Bryophytes des rochers siliceux du Massif Armoricaire (thèse de Doctorat d'Etat en cours de rédaction); Recherches sur l'allantoïnase, allantoïcase et l'uréase chez les Lichens; en coll. avec Prof. H. des Abbayes, réunion de documentés (échantillons, bibliographie) en vue de l'élaboration d'une flore lichénique du Massif Armoricaire.

Motyka, J. (Poland)—A two-volume monograph of *Lecanora* written in English is now finished. Any advice concerning a possible place for publication would be welcome. A belletristic book, "A Botanist's Dairy," describing the life of a Polish scientist, has gone to the publisher.

Ozenda, P. (France)—Les récoltes effectuées 1970-72 au Népal dans le cadre d'une R.C.P. du C.N.R.S. sont en cours d'étude. Pour ma part, j'ai recueilli dans ma mission 1971 1400 numéros. La collaboration de spécialistes extérieurs est vivement souhaitée, pourvu qu'ils s'engagent à effectuer les déterminations dans un délai raisonnable.

Patwardhan, P. G. (India)—With my associates have recently started investigations on the lichen flora of Western India, at the Maharashtra Association for Cultivation of Science, Law College Road, Poona-4, India. A few short notes are in press. Request that fellow lichenologists put my name on their mailing list for reprints.

Puckett, K. J. (Canada)—Completing studies on the effects of sulphur dioxide and heavy metals on lichens around Sudbury, Ontario. The work is being carried out at Laurentian University

just outside the city of Sudbury, a major nickel smelting center.

Richardson, D. H. S. (Canada)—Will be at Oxford University from September 1972-73 to write a book on selected lichenological topics for people with a general interest.

Rundel, P. W. and **P. A. Bowler** (U.S.A.)—Are preparing a monograph of the genus *Desmazieria* and continuing work on *Ramalina* from the West Coast and Baja California. Rundel was a guest lecturer at the Universidad de Chile for six months starting July 1972.

Schroeder, G. J. and **N. E.** (U.S.A.)—Area of interest is alpha taxonomy and lichen distribution. Gary's dissertation deals with lichens eaten by the caribou population in northern Idaho and northeastern Washington.

Trass, H. (Estonian S.S.R.)—In April and May 1972 presented a series of lectures on lichenology for students of Rostock University (DDR) and gave reports on some current problems at Rostock, Halle, and Berlin Universities. Also studied lichens at the nature conservation areas of the DDR (Rugen, Darz, Harz, and others). Estonian lichenologists collected lichens in 1972 from the Antarctic (J. Martin), Taimyr Peninsula and Great Begitschev Island (T. Piin), Tuva Autonomous S.S.R. (Eva Nilsson), DDR (H. Trass), and Estonian S.S.R. (H. Trass, Anne-Liis Symmermaa). Algologist Erich Kukkk spent two months in Mongolia and collected desert epigeic lichens.

Vivant, J. (France)—Étudie les Lichens des Pyrénées occidentales franco-ibériques (déterminations en coll. avec MM. Clauzade, Roux et Vezda) et rédige un catalogue les Lichens des Pyrénées occidentales (actuellement 850 espèces dont près de 40 nouvelles pour la flore française). Contribue aux *Lichenes Selecti Exsiccati* de A. Vezda.

Travel

Ahti, T. (Finland)—In July spent four weeks in Mongolia collecting lichens in the South Gobi and Ubur Khangai provinces and near Ulan Bator. In August and September travelled four weeks in Japan, collecting on the main islands and visiting botanical institutions in Tokyo, Kyoto, Hiroshima, and Nichinan. The hospitality and help of Japanese colleagues are gratefully acknowledged. Having research leave until June 1973.

Bailey, R. H. (England)—Spent two weeks during June 1971 studying the lichens of the Orkney Islands. In January 1972 paid a brief visit to the woodlands of Haut Pays in France with J. R. Wattez and P. A. Scott.

Bratt, G. (Tasmania)—Visited the South Island of New Zealand in November 1972 and collected in the South Island National Parks. D. J. Galloway spent 3-4 days in North Canterbury showing me something of the alpine flora of the Torlesse Range and Arthur's Pass area.

Follmann, G. (Germany)—Led a botanical expedition, organized by the Natural History Museum at Kassel, to the Seychelles in July and August 1972, where lichen collections and studies were also made.

Lambinon, J. (Belgium)—A effectué du 15 décembre 1971 au 16 mars 1972, une mission scientifique au Rwanda et au Zaïre, notamment dans la chaîne des volcans Virunga et le massif du Kahusi-Biega. Env. 1400 numéros de Lichens ont été collectés durant ce séjour.

Mattick, F. (Germany)—Spent 5 weeks in New Zealand in Feb.-March 1972 visiting a wide variety of localities and meeting botanists and members of the N.Z. Forest Service.

Dissertations

Miss Manjee Rahi Agarwal (Mrs. M. R. Garg). *Contributions to the Lichen Flora of Darjeeling District*. Lucknow University. 1971. Ph. D. dissertation.

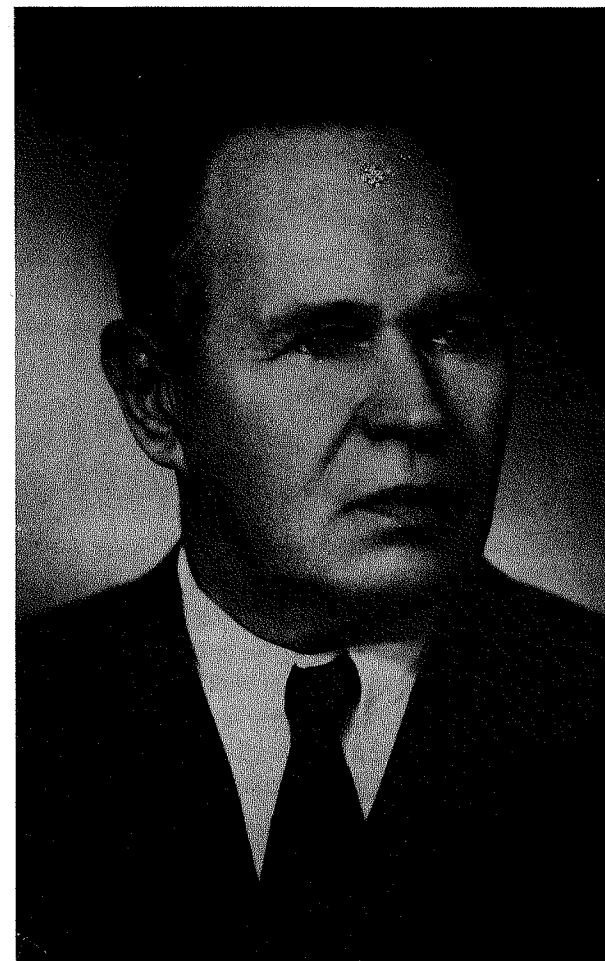
Mark R. D. Seaward. *Aspects of Lichen Ecology: Ecological Performance of Lichens in the West Riding of Yorkshire Conurbation, and Autecology of Lecanora muralis (Schreb.) Rabenh.* University of Bradford, 1972. Ph. D. degree.

Index of Fungi

All issues from 1 Jan. 1970 (Vol. 4, part 1) list newly published taxa of lichens. Two parts of the *Index* are issued each year. Omissions from previous catalogues of names (Zahlbruckner, Lamb, and Hawksworth) are also now being included. Further details may be obtained from the Director, Commonwealth Mycological Institute, Ferry Lane, Richmond, Surrey, TW9 3AF, England. D. L. Hawksworth (at the same address) would be very pleased to receive notification of any omitted names and reprints of recently published papers including new taxa, combinations or names.

[Erratum: page 4, line 7 from bottom, read: Morphogénèse]

[Also last line on p. 4 omitted: Add "Spanish lichens."]



Professor Vsevolod Pavlovich Savicz (19 Feb. 1885–25 May 1972), an eminent Russian lichenologist and head of the Section of Cryptogamic Plants of the V. L. Komarov Botanical Institute of the Academy of Sciences of the U.S.S.R. for many years, died in Leningrad. He was the author of numerous papers on the lichen flora and systematics of different parts of Russia, especially Kamchatka, the northwestern regions, Bjelorussia, etc. He compiled the well-known exsiccate "Lichenotheca Rossica", and edited many books on cryptogamic plants, among these "Notulae Systematicae."—H. Trass



Professor Carlos das Neves Tavares, the leading lichenologist of Portugal, died on 16 May 1972. He was born on 5 March 1914 in Tomar, Portugal, and graduated from Lisbon University where he later served as professor on the Science Faculty. His range of taxonomic interests included *Parmelia*, species in the Pannariaceae, *Roccella*, and Physciaceae. He also published a number of papers in the Hepaticae. Because of these varied interests and the excellent exsiccate of Portuguese lichens, he will be sorely missed by many cryptogamic botanists —Maria S. T. Antunes