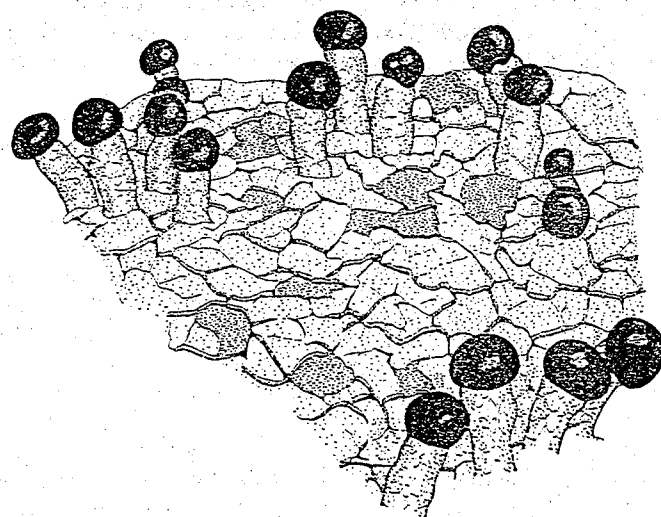


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The opinions expressed in the Newsletter are not necessarily those held by the International Association for Lichenology.

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IAL membership is open to anyone who has an active interest in the study and use of lichens. The subscription is US \$ 20.00 or S.Fr. 32.00 for the six-year period between successive International Botanical Congresses. Subscriptions should be sent to the Treasurer or Deputy Treasurer:

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Rosmarie Honegger, Inst. für Pflanzenbiologie und Cytologie, Zollikerstrasse 107, CH-8008 Zürich, Schweiz. In this case please pay S.Fr. 32.00 to the following bank account: Schweizerischer Bankverein (Swiss Bank Corporation, Société de Banque Suisse), Filiale Albisriederplatz, 8040 Zürich, Switzerland, Account Nr. PI-560.486.0 in the name of IAL/Honegger. Those who wish to use the Postal Giro service may use the Postal Account number of the Bank: 80-206-1.

or (for British members) to: T.H. Moxham, Dept. of Plant Sciences, University of Bath, Claverton Down, Bath, Avon, BA2 7AY, U.K. (subscription price £13.00)

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Lichen Conservation Committee

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Lichen Terminology Committee

Chairperson: Vernon Ahmadjian, Department of Biology, Clark University, Worcester, Massachusetts 01610, USA

RESEARCH NEWS & NOTES

Dalby, Kery (Camberley, UK) has recently taken early retirement from the Biology Department at Imperial College London, but is continuing to work part-time for the Imperial College Centre for Remote Sensing. He is now Chairman of the British Lichen Society Conservation Committee, and is preparing a lichen checklist for the Shetland Islands. Shetland, the northernmost British territory, consists of over 100 islands (only the 14 or so largest are inhabited) and has a coastline of about 1450 km. The recent discovery of *Cocotrema citrinescens* on Unst, and the fact that one third of the 415 species so far known from Shetland are recorded from no more than one or two of the 53 possible 10 km grid squares, suggests that the lichen flora of the islands is still very poorly understood.

Diederich, Paul (Luxembourg) made two excursions to the western Pyrenees (France, Pyrénées-Atlantiques, 1990 and Spain, Navarra, 1991, with Etayo) where ca. 100 species of lichenicolous fungi on epiphytic lichens have been collected. In 1991 he gave several courses and lectures on lichenicolous fungi: Barcelona (8-15 February), Liège (25 February), Fontainebleau (15-17 March), Kew (22-24 March), Essen (18-19 April) and Brussels (25 September). In August M. Boqueras, P. Navarro (Barcelona) and J. Etayo (Pamplona) spent one week

with him studying lichenicolous fungi. His studies on lichenicolous Tremellales continue, and a first paper on the identity of *Biatorinopsis usnearum* Räs. is almost ready.

Farkas, Edit (Vácrátót, Hungary) informs that she defended her thesis "Lichenological studies in Budapest and the Pilis Biosphere Reserve - distribution, bioindication" successfully on 17 May 1991. She would like to express her gratitude to all who helped her in any way.

Follmann, Gerhard (Cologne, Germany) once again spent the South Hemispheric springtime in coastal central and northern Chile, especially the Atacama Desert, in order to obtain more information on the drastic changes in the lichen flora and vegetation over the past three decades. Ecological studies were conducted in type localities of certain taxa which apparently became extinct in recent times and a comparison was made between existing lichen inventories and those taken from 1960 onwards. In addition, the lichen flora and vegetation of some of the lesser-known fog oases ("lomas") have been analyzed. In a number of localities which are impoverished to different degrees, direct productivity measurements have been conducted on characteristic species.

Fröberg, Lars (Lund, Sweden) has received a postdoctoral scholarship at Vernon Ahmadjian's lab, Worcester, USA, from September 1991 to April 1992, where he will learn techniques for lichen biont isolation and culture, as well as isolation and analysis of mitochondrial fungus-DNA. He is interested in using these techniques for taxonomic purposes, probably in *Lecanora dispersa* and allied species, the *Aspicilia calcarea*-group and in calcareous members of the family Verrucariaceae. Together with Bruno and Anette Baur, Basel, he is also investigating the effects of snail-browsing on calcareous lichens on the island of Öland.

Hansen, Eric Steen (Copenhagen, Denmark) spent 6 weeks in June/July in West Greenland (Sisimiut, Kangaa-miut and Maniitsoq) collecting lichens in connection with his general study of the lichen flora of Greenland. He also issued Fasc. 8 (nos. 361-416) of his exsiccata "Lichenes Groenlandici Exsiccati". 30 sets have been distributed. Material for Fasc. 9 would be appreciated.

Mies, Bruno (Cologne, Germany) visited Papua New Guinea for a five-week lichen exploration. The provinces visited included Western Highlands, Eastern Highlands, Chimbu, Madang and East New Britain. He had to face a serious threat to his collections from moulds. In spite of the astronomical cost of living, he was able to visit some wonderful rainforest. His collections of foliicolous lichens will be investigated by Thorsten

Lumbsch and Benno Feige.

Ozdemir, Aysen (Eskisehir, Turkey) continues her researches on the lichen flora of Sinop Province (Black Sea coast) and would welcome contact with those who have a knowledge of this region. She was recently host to Mark Seaward, who gave an official lecture in her Department at Anadolu University and accompanied her to a Conference in Didim and on a field trip in the Eskisehir and Bilacik regions.

Schmitz, Kerstin (Essen, Germany) is preparing an M.Sc. thesis on "Anatomical and phytochemical investigations in the boundary areas between the lichen genera *Ochrolechia* and *Pertusaria*", under guidance of Benno Feige.

Seeger, Gabrielle (Cologne, Germany) finished her M.Sc. thesis on the saxicolous lichen flora and vegetation of the Cabo de Gata Peninsula, Almería Province, South-East Spain. This young volcanic region, unique in the Mediterranean, is of special geobotanical interest in view of its similarity to the Macaronesian Islands, and indeed about 50% of the 94, mostly crustaceous taxa found show more or less pronounced Macaronesian relations. An illustrated lichen guide (as yet unpublished) has been prepared and voucher specimens have been deposited at KOELN. An analysis and synopsis of the characteristic lichen communities of the Cabo de Gata is also available now. The comparative study was supervised by Gerhard

Follmann, Botanical Institute, University of Cologne, and supported by José

M. Egea, Department of Plant Biology, University of Murcia.

Requests

Dr. Paul DIEDERICH, 5 rue Fernand-Mertens, L-2148 Luxembourg, G.-D. Luxembourg, would welcome any parasymbiotic fungi on lichens for study. At the moment he has a special interest in gall-forming taxa. (note corrected address!)

G. Benno FEIGE, Birgit POSNER and H. Thorsten LUMBSCH are preparing a first Fascicle of an Umbilicariaceae Exsiccatae series (in 20-25 sets). For completion of this Exsiccatae they would like to receive about 50-100 thalli of the following species:

Umbilicaria cinereorufescens (Schaer.) Frey

U. phaea Tuck.

U. angulata Tuck.

U. krascheninnikovii (Sav.) Zahlbr.

U. haplocarpa Nyl.

U. kremplhuberi Müll. Arg.

U. polyrrhiza (L.) Ach.

U. soralifera (Frey) Krog & Swinscow

U. yunnana (Nyl.) Hue

Their address: Universität Essen, Fachbereich 9 Biowissenschaften, Postfach 103764, D-4300 Essen 1, Germany.

Fieldtrip to Anatolia

The Bryologisch-Lichenologische Arbeitsgemeinschaft für Mitteleuropa plans a field meeting in West Anatolia, Turkey, in Spring 1992. Arrival is scheduled for 12. April 1992. From 13 to 19 April, 7 mountains in the surroundings of Izmir will be visited. In the next week further trips are possible by arrangement with the organizers. Those interested should contact: Dr. Volker JOHN, Pfalzmuseum für Naturkunde, Hermann-Schäfer-Str. 17, D-6702 Bad Dürkheim, or: Dr. Ulvi ZEYBEK, Ege Üniversitesi, Eczacılık Fakültesi, TR-Bornova/İZMİR.

IAL 2 - the second circular is out!

Preparations for the second IAL-sponsored international lichenological symposium, "Progress and problems in lichenology in the nineties", are well underway. Some 250 persons from 32 countries have shown an interest, so it is expected to be the largest lichenological congress ever held. To accomodate such a large group, the Hemmeslöv Conference Hotel near Båstad has been selected. The symposium will be held from 30 August to 4 September 1992, with optional pre-symposium excursions from 23-29 August and a post-symposium excursion on 4-5 September. The tentative scientific programme comprises 8 different sections: A. Systematics and Phylogeny (incl. molecular section); B. Morphology and Development; C. Ecology and Ecophysiology; D. Chemistry and Chemotaxonomy; E. Bioindication and Conservation; F. Reproduction and Dispersal; G. Biogeography; H. Lichens and Biodeterioration. In addition, three poster sessions and a plenary session are planned. Three pre-symposium excursions are planned to Abisko, Bohuslän and Öland. The post-symposium excursion (in cooperation with the Linnean Society and the Swedish Linnean Society, will be dedicated to the unveiling of a plaque in memory of Erik Acharius.

More details can be found in the Second Circular, which is available from: Lichen Symposium/Dr. I. Kärnefelt, Department of Systematic Botany, University of Lund, S-22361 Lund, Sweden. It contains registration forms for the symposium and the excursions, which have to be returned before March 31, 1992.

FAX numbers of Lichenologists, corrections/additions:

Note: Numbers are preceded by country number in () and city number with /.

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C. ASCASO, Centro de Ciencias Medioambientales, C.S.I.C., Serrano 115 bis, E-28006 Madrid, Spain. FAX (34)91/564 08 00.

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Roger ROSENTERE, Bureau of Land Management Office, 3380 Americana Terrace, BOISE, ID 83706, USA. FAX (1)208/384 3290.

Dr. U. SØCHTING, Institut f. Sporeplanter, Ø. Farimagsgade 2 D, DK-1353 Copenhagen, Denmark. FAX (45)33/145719.

Flora Neotropica News: Lichens

The most important event in 1991 was the publication of the *Phyllopsora* monograph by Lois Brako (FN monograph 55; 18 species). This is the first lichen treatment published in FLORA NEOTROPICA: congratulations Lois! No further lichen monographs have been submitted for publication yet, but a number is in preparation. Lichenologists interested in submitting a lichen treatment to FLORA NEOTROPICA should write to S. Rob Gradstein, Deputy Director for Cryptogams, Organization for Flora Neotropica, Institute of Systematic Botany, Heidelberglaan 2, 3584 CS Utrecht, The Netherlands. Published monographs can be ordered from the Publications Department, New York Botanical Garden, Bronx, NY 10458, U.S.A.

Schedule of monographs: summary

1992: Caliciales (50 spp.), Cladoniaceae (130 spp.), Pyrenulaceae (100) spp.

1993: Baeomycetaceae (5-6 spp.), Stereocaulaceae (25 spp.).

1994: Physciaceae, Umbilicariaceae (15 spp.).

1995: Ramalinaceae (80 spp.), Stictaceae (75 spp.).

Progress reports

TEUVO AHTI (Cladoniaceae) will be a Research Professor for five years which should enable him to finish several research projects; he plans to have his FN monograph ready in 1992.

ANDRÉ APTROOT (Pyrenulaceae) has completed a monograph of the smaller genera of the family and is now continuing with neotropical *Pyrenula*, which he estimates to contain 60-80 spp. (many of them undescribed).

GEIR HESTMARK (Umbilicariaceae) has revised the types and some other herbarium materials, and reports that he found current knowledge of neotropical *Umbilicaria* very incomplete. He plans to collect in the area in 1992 and 1993, and to finish his FN monograph in 1994.

PER-MAGNUS JÖRGENSEN, Bergen, Norway, will cover the lichen family Pannariaceae (ca. 40 spp.). He has already completed a world monograph of *Erioderma* (with LARS ANDERSSON) and a family treatment for Australia (with DAVID GALLOWAY).

HIROJUKI KASHIWADANI (Ramalinaceae) has done the *Ramalina* species of Brazil together with KLAUS KALB and has set a 1995 deadline for his FN monograph. He estimates there are about 80 species in the neotropics.

HARRIE SIPMAN (Baeomycetaceae, Stereocaulaceae) has been identifying numerous neotropical lichen collections and has set a 1993 deadline for his FN monographs.

Lichen contributions to FLORA NEOTROPICA as of 1991

Bacidiaceae

Phyllopsora (18 spp.) by L. Brako (MO) - F.N. Monograph 55, 1991

Baeomycetaceae (5-6 spp.) H. Sipman (B) 1993

Caliciales (50 spp.) L. Tibell (UPS) & K. Kalb 1992

Cladoniaceae (130 spp.) T. Ahti (H) 1992

Collemataceae

Leptogium azureum group (20 spp.) M. Lindström (GB) ?

Pannariaceae (ca. 40 spp.) P.-M. Jørgensen (BG) after 1992

Peltigeraceae

Peltigera (ca. 20 spp.) O. Viikainen (H) ?

Physciaceae (=Pyxinaceae) R. Moberg (UPS) et al. 1994

Pyrenulaceae (ca. 100 spp.) A. Aptroot (U) 1992

Ramalinaceae (ca. 80 spp.) H. Kashiwadani (TNS) 1995

Stereocaulaceae (25 spp.) H. Sipman (B) 1993

Stictaceae s.l. (75 spp.) D. Galloway (BM) et al. 1995

Trypetheliaceae (150 spp.) R. Harris (NY) ?

Umbilicariaceae (ca. 15 spp.) G. Hestmark (O) 1994

--- S. Rob Gradstein

Report of the BLS field meeting in Ireland

The 1991 summer field meeting of the British Lichen Society was held in Ireland from 6th to 20th of July. In the crowd of 16 British and 2 Irish participants, the five inmixed continentals, 1 Danish, 1 Dutch and 3 Germans, felt very much at home. They greatly enjoyed the opportunity to see over 400 lichen species, most of them well developed.

The first week was spent in Co. Mayo, particularly on Clare, an offshore island on the west coast. This island is of particular lichenological interest, because it was explored lichenologically at the beginning of this century by Matilda Knowles and Annie Loraine Smith. Of course we were able to beat them and make a considerable number of additional records.

The second week's goal was to cover some underworked grid squares of the BLS mapping scheme in Co. Donegal (NW Ireland). Special attention was paid to the

recently established Glenveagh National Park.

The Irish weather was, as usual, good for oceanic lichens. Who cares, when we were lucky enough to see dozens of unfamiliar species and benefit from the enormous lichenological knowledge of Peter James during the day and listen to traditional Irish music while having a pint of Guinness at night?

Special thanks to David Richardson, Mark Seaward and Howard Fox for organising this successful meeting.

--- Peter Scholz

Lichen Symposium on Lichenology at Kyoto

On 4 December 1990 a symposium on lichenology sponsored by Nippon Paint Co. was held at Kyodai Kaikan, Kyoto University. This symposium was organized by Prof. Yasuyuki Yamada (Kyoto University). The following lectures were presented: Emeritus Prof. Naohide Hiratsuka: Lichens in my memories; Prof. Vernon Ahmadjian: Advances in lichen molecular biology; Profs. M. Estrella Legaz and Carlos Vicente: Advances in lichen enzymology. 38 persons participated in this symposium, most of them leading botanists, phytochemists and pharmacologists in Japan.

--- Isao Yoshimura

Present State of Lichenology at the Botanical Institute in Leningrad

Lichenological investigations are concentrated at the Laboratory for Lichenology and Bryology under the guidance of Dr. Nina S. Golubkova. The following lichenologists are working here:

Ludmila I. Bredkina is investigating the lichens of the Tien-Shan mountains and the genus *Toninia*.

Zoja G. Krusanova has started an investigation of the genera *Bryoria* and *Alectoria* in the USSR. In addition, she is dealing with the lichen flora of the Pyatigorsk area in the northern Caucasus and the effects of air pollution on the lichens.

Irina I. Makarova is studying the lichen flora of the Chukotska Peninsula and some genera of Lecideaceae and Porpidiaceae.

Alexander N. Titov is continuing his studies of Caliciales of the USSR.

Michail P. Zhurbenko is investigating the lichen flora of arctic Siberia: Novosibirsk Islands, Taymyr etc.

Alexej A. Dobrysh is preparing a thesis on the lichen flora of Wrangel Island.

Jurij V. Kotlov will defend his thesis, entitled "Lichen flora of the Kolyma mountains", in the autumn.

Zofija S. Myrsakulova from the Botanical Institute of the Kasakh Academy of Sciences in Alma Ata is studying the lichen flora of southern Altay (East Kazakhstan).

A biochemical team, composed of Alla P. Ravinskaja, Irina A. Shapiro and Elena A. Vainshtein, is dealing with the effects of several pollutants on lichens, with lichen metabolism, symbiosis and chemotaxonomy.

The head of the Laboratory, Nina S. Golubkova, is currently studying the genera *Evernia* and *Usnea*. She is the Scientific Secretary of the Botanical Society of the USSR and Editor of the Novitates Systematicae Plantarum non Vascularium.

The Scientific Secretary of the Laboratory, Michail P. Andreev, is investigating the genus *Lecidea* s.str. and similar genera from the families Lecanoraceae, Rimulariaceae, Schaereriaceae, etc., and, in addition, the lichen flora of some regions in the USSR, mainly in the north, the north-east and in the mountains of Central Asia.

Work on the Laboratory is at present concentrated on the following research projects:

1. The Guide to the Lichens of the USSR.
2. Flora and vegetation of protected areas in Northwest Russia.
3. Plant life of North Asia (this may be developed further into a "Panarctic Flora").
4. Lichen metabolism under ecological stress and anthropogenic influences.
5. Taxonomy and geography of antarctic lichens.

---Michail P. Andreev

New Literature

V. JOHN. 1991 ("1990"). Atlas der Flechten in Rheinland-Pfalz. Beiträge zur Landschaftspflege in Rheinland-Pfalz, Band. 13. Teil 1: Text, 276 pp., Teil 2: Karten, 272 pp. Available from: Verlagsbuchhandlung Emil Sommer, Kirchheimer Straße 20, D-6718 Grünstadt, Germany. Price DM 49. (Presents the former and actual distribution of lichens in Rheinland-Pfalz, the westernmost part of Germany, based on much recent fieldwork; includes a list with sources and distribution maps of all ca. 970 species known from the area; contains in addition much information about ecology and conservation status, including a "red list"; nearly 250 species are illustrated by colour photographs, including many habitat pictures; in German).

Heidi KÜMMERLING 1991. Zur Kenntnis der Flechtenflora am Hohen Meißner und in seinem Vorland (Hessen) unter besonderer Berücksichtigung chemischer Merkmale. Bibliotheca Lichenologica Bd. 41. 315 pages. (a treatment of 249 species with indications of ecology, distribution and chemistry; with chapters presenting chemical properties of the substances observed, and additional information on the lichen flora of the area as well as conservational aspects; in German).

Ludwik LIPNICKI (ed.) 1991. V. Zjazd Lichenologów Polskich. Porosty (Lichenes) Pszczewskiego Parku Krajobrazowego. 106 pp. Gorzów Wlkp. [address of the author: Laboratory of Biology and Nature Protection of the Academy of Physical Education, Estkowskiego 13 str., 66-400 Gorzów Wlkp., Poland]. (Contains a survey of the lichens in the Pszczew Landscape Park, a report of the 5th meeting of Polish lichenologists, with some participants from CSSR and GDR, and summaries of 10 lectures held, dealing with lichen distribution and the effect of environmental degradation; in Polish, some with English or German summary).

E. A. VAINSHTEIN, A.P. RAVINSKAJA, I.A. SHAPIRO. 1990. Guide to lichen chemotaxonomy. 152 pages. USSR Academy of Sciences. (Presentation of 1500 lichen taxa with their chemical contents, based on literature 1981-1986; introductory chapters describe the procedure of chromatographic analysis and present data for the chromatographic identification of 103 substances; in Russian).

PERSONALIA

Volkmar Vareschi

Am 6. März 1991 verstarb in Caracas (Venezuela) der Ökologe und Lichenologe Volkmar Vareschi (sprich: Varéski). Er wurde am 28. Mai 1906 in Innsbruck (Österreich) geboren. 1931 wurde er von der Universität Innsbruck als Schüler des Pflanzengeographen Helmut Gams auf Grund einer Dissertation über die Vegetation des obersten Isar-Tales promoviert und habilitierte sich 1936 an der Universität München mit einer "Pollenanalytischen Untersuchung der Gletscherbewegung". 1950 übernahm er eine Professur für Botanik an der Universität Caracas. Berufungen an die Universitäten Zürich und Innsbruck lehnte er ab. Seine Forschungsarbeit galt der Ökologie der Tropenvegetation sowie der Taxonomie der Farne und Flechten von Venezuela. Er war einer der Ersten, die sich mit den Ursachen und der Ausbreitung der "Flechtenwüsten" der Großstädte (Zürich, Caracas) beschäftigten.

--- Karl Mägdefrau

(The ecologist and lichenologist Volkmar Vareschi died on 6 March 1991 in Caracas. Born 28 May 1906 in Innsbruck (Austria), he obtained his PhD under the supervision of the phytogeographer Helmut Gams at Innsbruck University with a thesis on the vegetation of the upper Isar valley, and his 'habilitation' in 1936 at Munich university with a thesis on palynological investigation of glacier movements. Since 1950, as Professor of Botany at the University of Caracas, his area of investigation was the ecology of tropical vegetation and taxonomy of Venezuelan ferns and lichens. He was among the first to investigate the causes and extension of "lichen deserts" around big cities (Zürich, Caracas)).

Changes/Corrections to addresses

Diane FAHSELT, Dept. of Plant Sciences, University of Western Ontario, London, Ontario N6A 5b7, Canada

Nathan SAMMY, P.O. Box 4795, Darwin, Northern Territory 0801, Australia

New Members

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 Javier ETAYO, dpto. Botánica, Fac. Ciencias, Universidad de Navarra, E-31080 Pamplona, Spain.
 Rita KETNER, Algemeen 42, NL-6721 GD Bennekom, Netherlands
 Susan WILL-WOLF, 1921 Madison St., Madison WI 53711, U.S.A.

Back issues of ILN

The following back issues of ILN are still available: 9(1), 9(2), 10(1), 10(2), 11(1), 11(2), 12(1), 12(2), 13(1), 13(2), 14(1), 14(2), 15(1), 15(2), 16(1), 16(2), 17(1), 20(1), 20(2), 20(3), 21(1), 21(2), 21(3). Photocopies are available of: vol. 1 (1), 1(2+supp.), 1(3), 2(1), 3(2), 6(2), 7(1-2), 8(1-2). Two indexes are also available: Index to vol. 1-8, Index to vol. 9-13.

According to a resolution of the IAL Executive Council, published in ILN 16 (1), April 1983, the following charges will be levied for back issues of ILN: Vol. 1: US\$ 0.25 per number (3 per volume); vol. 2-8: US\$ 0.50 per number (2 per volume); vol. 9-13: US\$ 1.00 per number (2 per volume); vol. 14-17: US\$ 1.50 per number (2 per volume).

Back issues from vol. 20 onward are available for US\$ 1.00 per number (3 per volume). The Indexes are free.

New members will receive free only copies of the numbers constituting the volume issued for the calendar year in which they join IAL.

Orders to be sent to H. Sipman, Bot. Garten & Bot. Museum, Königin-Luise-Strasse 6-8, D-1 Berlin 33, Germany.

LIST OF SOCIETIES

Australasia: Society of Australasian Lichenologists (SAL). Info: Dr. J. A. Elix, Dept. of Chemistry, The Australian National University, GPO Box 4, Canberra ACT 2601, Australia.

Central Europe: Bryologisch-Lichenologische Arbeitsgemeinschaft für Mitteleuropa (BLAM). Info: Dr. G. Philippi, Landessammlungen für Naturkunde, Erbprinzenstrasse 3, Postfach 3949, D-7500 Karlsruhe 1, Germany

Czechoslovakia: Bryological and Lichenological Section of the Czechoslovak Botanical Society. Info: Dr. I. Novotny, Botanické odd. Moravského muzea, Preslova 1, CS-60200 Brno, Czechoslovakia.

Finland: Lichen Section, Societas Mycologica Fennica. Info: Dr. Teuvo Ahti, Department of Botany, University of Helsinki, Unioninkatu 44, SF-00170 Helsinki, Finland.

France: Association Française de Lichénologie (AFL). Info: Dr. Richard Lallement, Université de Nantes, Laboratoire de Biologie et Cytophysologie Végétales, 2 Rue de la Houssinière, F-44072 Nantes Cedex, France.

Great Britain: British Lichen Society (BLS). Info: Secretary, Dr. O.W. Purvis, Botany Department, The Natural History Museum, Cromwell Road, London SW7 5BD, UK.

Italy: Società Lichenologica Italiana (SLI). Info: Secretary, Prof. Giovanni Caniglia, Dipartimento di Biologia, Via Orto Botanico 15, I-35123 Padova, Italia.

Japan: Lichenological Society of Japan (LSJ). Info: Dr. H. Kashiwadani, National Science Museum, Division of Cryptogams, Hyakunin-cho 3-23-1, Shinjuku-ku, Tokyo, Japan.

Netherlands: Bryologische en Lichenologische Werkgroep der KNNV (BLW). Info: A. Aptroot, W.v. Velzenstraat 11, NL-1962 WS Heemskerk, The Netherlands.

Nordic Countries: Nordisk Lichenologisk Forening (NLF). Info: Ulrik Søchting, Institut for Sporeplanter, Ø. Farimagsgade 2 D, DK-1353 København K, Denmark.

Poland: Lichenological Section of the Polish Botanical Society (Polskie Towarzystwo Botaniczne). Secretary: Dr. W. Faltynowicz, Department of Plant Ecology, University of Gdansk, ul. Czołgistow 46, 81-378 Gdynia, Poland.

Spain: "Sociedad Española de Liqueología (SEL)". Info: A. Gómez-Bolea, Dept. de Biología Vegetal (Botánica), Fac. Biología, Univ. de Barcelona, Avda. Diagonal 645, 08071 Barcelona, Spain.

Switzerland: Schweizerische Vereinigung für Bryologie und Lichenologie (SVBL). Info: Ph. Clerc, Conservatoire et Jardin botaniques, Case postale 60, CH-1292 Chambésy/GE, Switzerland.

USA: American Bryological and Lichenological Society (ABLS). Info: Dr. Robert S. EGAN, Biology Department, University of Nebraska, Omaha, NE 68182-0072, USA.