AN ESTIMATED 150 delegates gathered at the National Science Museum, Tokyo, 22-28 May, 1983 under the Chairmanship of the President of our Association, Dr. Hiroshi Inoue, for what was undoubtedly the largest gathering of bryologists the world has seen so far. And see and hear about it the world did, for regular reports appeared on Japanese television and in the daily press. People came from all corners of the globe, with the notable exception of the Soviet Union, there being an estimated 100 overseas visitors, all of whom enjoyed a week of fruitful bryological discussion and camaraderie.

The fact that everything went with near clockwork precision was due in no small part to the excellent preparation by the Organizing Committee, under the Chairmanship of Dr. S. Hattori. One of its achievements was to raise the sum of US $40,000 towards expenses. The composition of the Organizing Committee and a list of the Agencies which supported the Conference is handsomely, is given elsewhere in this issue (p. 3). All who worked to make the Conference such a noteworthy event merit a real feeling of gratitude from the International Bryological Community.

While the quality of the scientific debate depended on the calibre of the delegates - and with few exceptions it was high and in the best tradition of bryological scholarship - the atmosphere of constant expectation and enjoyment was sustained and heightened by the unceasing efforts of our Japanese hosts who spared no trouble to cater for our needs.

It was their efforts and the "extras" that made it all go with such a swing. For example, there was a travel agent in attendance to reconfirm flights, book tours, etc. There were photographers capturing "unforgettable" moments and some hours later presenting proofs for our inspection (some examples of which will appear in future issues). There was a group of students ready to answer every query and need; and there were suggestions on how to spend one's free day, complete with colourful tourist literature of Tokyo's attractions by day and night. For the post Conference tours there were specially-prepared handbooks and leaflets, some of which had obviously taken a lot of time to prepare and get printed. And to add an air of festivity there were a number of superbly-organized and highly-successful receptions.

But above all there was the charm of Japan and its people, its food, its sights, its temples and shrines; historical Japan, modern Japan, bryological Japan, all with an unmistakable lure, yet yielding intellectual enlightenment and a feeling of satisfaction once the effort had been made to investigate and understand an object of curiosity. Everywhere there was a sense that all the effort, trouble and expense had been very worthwhile, there being a conspicuous lack of grumbling or complaint. It was not surprising, therefore, that the final resolution of the closing session (see later, p.4) was passed with such enthusiasm and sincerity.

It is the intention that the next issue of this Newsletter will carry a copy of the Conference photograph, a report on the Conference itself and the post Congress tours, and articles from delegates giving their impressions of moss gardens, field trips, bryologists, etc., etc. While some people have already promised articles (and one has been received), the Editor would be very happy to hear from anyone with an amusing story or a picture, or a personal reflection of interest to others about what was surely the most memorable meeting so far organized under the auspices of IAB.

As no programme of the meeting was published beforehand, the accompanying outline is offered as an indication of the scope of the contributions. It is based on the booklet which contained the Abstracts of the papers, but includes those changes in the programme that were notified to the Editor. The 55-page booklet, edited by Drs. Z. Iwatsuki and S. Inoue is entitled "The World Conference of Bryology, Tokyo, 22-28 May 1983", and was published by the International Association of Bryologists. It includes a list of the Japanese agencies which supported the Conference, the names of the Organizing Committee and the names and addresses of the delegates.
The Bryological Times

It was an indispensable guide and best thanks are due to all the hard work of the editors and collaborators.

The Proceedings of the Conference will be published in the Journal of the Hattori Botanical Laboratory No.55 (or Nos.55 and 56 if they have to be divided into 2 parts) between February and May 1984. Authors are reminded that their contributions have to be with Dr. S. Hattori, The Editor, by 30th July 1983, if they are to be included in the Proceedings.

LIST OF PAPERS
All changes of titles and authorship notified to the Editor have been incorporated.

SYMPOSIUM


Symposium II. Recent aspects of physiology and ecology. Convener: M. Bopp.


S-II-5. Selkirk, P.M.: Vegetative reproduction and dispersal of bryophytes on sub-antarctic Macquarie Island and in Antarctica.


S-II-8. Longton, R.E.: The role of bryophytes in terrestrial ecosystems.

Symposium III. Bryology (and its methodology) for the 80's. Convener: L.E. Anderson.


CONTRIBUTED PAPER SESSIONS

Session I. Systematics


C-I-7. Lin, P.-j.: Classification of mosses; a study on Chinese Calymperaceae.


C-I-10. Lin, S.-h.: A taxonomic review of Phyllogoniaceae (Bryopsida).


C-I-18. Greene, S.W.: Bibliographical bryological data base.

Session II. Bryogeography
C-II-1. Duell, R.: Computerized evaluation of the distributions of genus Rinia liverworts.


C-II-5. C.M. Matteri, S.W. Greene & Hमसेल de Mendénez, G.G.: The occurrence and distribu-
tion of bryophytes between 51°-52° S Lat. in Southern Patagonia.


**Session III. Ecology**

C-III-1. Lewis Smith, R.I.: Colonization and recovery by mosses following recent volcanic activity on an Antarctic island.


C-III-4. Thaitong, O.: Bryophytes of the mangrove forest.


C-III-7. Shukla, R.M. & A. Kaul: Seasonal variation in thallus area of a liverwort community.


**Session IV. Morphology and Cytology**


C-IV-5. Ume, K.: Sexual dimorphism in some Japanese species of Macrotrichum.


**Session V. Physiology and Morphogenesis**

C-V-1. Russell, S.: Growth measurement in bryophytes: a case study.


**Session VI. Chemistry**


C-VI-3. Asakawa, Y.: Some biologically-active substances isolated from Hepaticae: terpenoids and lipophilic aromatic compounds.


**CLOSING SESSION**

This session, chaired by Prof. H. Ando, began on schedule on Saturday 28th May, at 16.35 hours.

The first item of business was a report on the TAB Council Meeting by Dr. S. R. Gradstein. As Dr. Gradstein's report will be published in full in the columns in the next issue, only one of the Council's decisions will be referred to here, viz., the intention to revive the Bulletin of Bryology in Taxon as soon as practicable (see later p.4).

The next item was the presentation by Dr. H. Inoue of the Medal for Research in Bryology. The Medal for Research in Birologia was presented in the name of the Editor-in-Chief, Dr. W. E. Steere.
The Bryological Times

JAPANESE AGENCIES WHICH SUPPORTED THE WORLD CONFERENCE OF BRYOLOGY
The National Science Museum, Tokyo
Japan Society for the Promotion of Science
Commensorative Association for the Japan World Exposition (1970)
The Kajima Foundation
Naito Foundation Research Grant for 1983
Yamada Science Foundation
Torry Science & Technology Grants
The Botanical Society of Japan
Japanese National Committee for ICOM
The Bryological Society of Japan
Tokushima Bunri University
Suntory Institute for Biororganic Research, Osaka
Tsumura Laboratory, Tokyo
Toei Menryo Kogyo K.K.
Nagatani-en Honpo K.K.
Toyama Gakki Seizo K.K.
Daishin Sangyo K.K.
Olympus Optical Company Limited
Saito Warehouse Company Limited
Mama Maeda Design Association
Kodansha, Tokyo.

ORGANIZING COMMITTEE FOR WORLD CONFERENCE OF BRYOLOGY 1983
Dr. Sinske Hattori, Chairman, Hattori Botanical Laboratory, Nichinan.
Dr. Hiroshi Inoue, General Secretary, National Science Museum, Tokyo.
Dr. Zennoose Ikawatsuki, Programme Secretary, Hattori Botanical Laboratory, Nichinan.
Dr. Satoru Inoue, Programme Secretary, Kumamoto University, Kumamoto.
Dr. Hisatsugu Ando, Registration Secretary, Hiroshima University, Hiroshima.
Dr. Harumi Ochi, Excursion Secretary, Tottori University, Tottori.
Dr. Naofumi Kitagawa, Tour Secretary, Nara University of Education, Nara.

RESOLUTIONS ADOPTED DURING THE WORLD CONFERENCE OF BRYOLOGY

TOKYO, MAY 1983.

Resolution 1.
We recommend that IAB sponsor an international meeting every two or three years, but not more often than every two years. The emphasis of these meetings should be on new research in all areas of bryology.

Resolution 2.
We affirm the urgent need for comprehensive bryophyte flora of tropical Africa. IAB undertakes to set up a Committee under the Chairmanship of Prof. P.W. Richards, and an editorial board, to draw up plans for such a flora and to seek funds for financing such a project.

Resolution 3.
Bryology should integrate with other sessions by discipline at the International Botanical Conference at Berlin in addition to sponsoring its own symposia, which should be planned to attract both bryologists and researchers in other disciplines.

Resolution 4.
We encourage the inexpensive reprinting of important bryological works currently unavailable to many bryologists, as has recently been done by the Missouri Botanical Garden.

Resolution 5.
In many areas of the world, especially the tropics, important bryophyte habitats are currently being destroyed. It is urgent that bryologists make comprehensive collections in such exploited areas. IAB should play a role in the identification of such "endangered" areas, in the encouragement of co-operative collecting efforts by appropriate bryologists, and in making the collections available to researchers.

Resolution 6.
We recommend that steps be taken to facilitate the completion of Index muscorum, both the publication of the 11-year supplement, 1963-1973, and a bibliography to the whole work.

Resolution 7.
We wish to thank our Japanese hosts, the Organizing Committee; Drs. Sinske Hattori, Hiroshi Inoue, Zennoose Ikawatsuki, Satoru Inoue, Hisatsugu Ando, Harumi Ochi and Naofumi Kitagawa, and the many other Japanese bryologists and their students for a magnificently run World Conference of Bryology, and for the field excursions and many other very enjoyable activities.

TIB BULLETIN

TO BE REVIVED

AS ANNOUNCED ELSEWHERE IN THIS ISSUE (p.3.), the publication of the Bulletin of Bryology in Taxon is to be resumed as soon as is practicable. The new Editor is to be Dr. Diana G. Morton of the Department of Botany, The University of Iowa, Iowa City, IOWA 52242, U.S.A. (formally of the University of Alberta).

The Bulletin was IAB's first international newsletter and ran for 10 years with a wealth of material. It is of particular interest as it contains an account by Dr. W. C. Steere of the founding of our Association which had its origins in discussions that took place in Tokyo in 1966. As all will know, the Association was formally established in August, 1969 in Seattle during the Xth International Botanical Congress.

It is expected that Dr. Morton will set out in these columns an account of her objectives for the new Bulletin.

S.W. Greene, Dept. of Botany, Reading University, London Road, Reading RG1 5AQ, Berkshire, U.K.
IN SOLID SILVER, and mounted on a chestnut board some 15cm high x 11 cm wide, the Hedwig Medal has been instigated by the International Association of Bryologists to honour those of its members proposed for this honour, who have made "an outstanding contribution to the development of bryology". As announced elsewhere in this issue (p.3) the first recipients are Dr. Yoshi Asakawa of Tokushima Bunri University, and Dr. Geneva Sayre of Harvard University.

From some of the questions the writer was asked during the recent IAB meeting in Tokyo, it seems necessary to explain one or two of the rules governing the award, which were published in Bryol. Times 16:4, 1982, and their implications.

(i) No limit has been set on the frequency of the award, nor is it limited to a single recipient at any one time. It is probable that the next award(s) will not be made until 1987, but this is a matter for the President and Council to decide.

(ii) The present recipients will each have their name added to the back of the chestnut mount, and they are entitled to keep their medals in perpetuity. New medals will be struck for the next award and will, of course, cost very much less than this time as the die of the medal itself has been kept.

(iii) The President, in consultation with the members of the IAB Executive Committee decides the recipient(s) from among the nominations. It follows that if a particular person has not been nominated, that person cannot be a recipient.

(iv) There is no rule (and I for one hope there never will be) which in any way relates to a recipient's nationality. It is open to any member of IAB to nominate any other member once nominations have been called for. Non members cannot act as nominees or be nominated.

(v) Each nominee has to have his or her candidacy assessed by two specialist referees. Each of the candidates for the 1983 award one specialist was a bryologist and the other a non-bryologist internationally renowned in the candidate's field. This seemed to be a good way of forming an impression of the standing of a candidate's work in the wider botanical world.

(vi) The Chairman of the Medal Committee was not called upon to make any recommendation about the candidates to the President. Indeed, he was unaware of the results of the 1983 award until after he arrived in Tokyo.

(vii) The Committee's report goes directly to the President, not to the Council of IAB and it is for the President to decide whether or not it will be laid before Council. Once accepted by the President, the Medal Committee's work is completed and the Committee discharged, thus a new committee and Chairman will be required for the next award.

In conclusion I would like to thank all those who helped the work of the 1983 Medal Committee, and in particular the referees who submitted confidential reports on the candidates.

S.W. Greene, ex Chairman, 1983 IAB Medal Committee

Still Available

Buxbaumia

Several back volumes and an Index to the whole series, covering the period 1946-1978. For information write to: Mr. P. Bos of the Penningm. Bryologische en Lichenologische Werkgroep, Hocheltestraat 49, 7102 BT Winterswijk, The Netherlands.
ON THE RETIREMENT OF RUDOLF M. SCHUSTER

IN JUNE 1983, Rudolf M. Schuster retired as Professor of Botany from the University of Massachusetts. Dr. Schuster is, of course, not retiring from research, and thus the conclusion of his teaching career might seem an insignificant event from a bryological point of view. However, Dr. Schuster has contributed to the botanical education of many students, myself included, and thus I believe the occasion is worthy of note here.

After receiving his Ph.D. from the University of Minnesota in 1948, Dr. Schuster held positions briefly at the University of Mississippi, Duke University and the University of Michigan before settling at the University of Massachusetts in 1957. In the early years he taught a diverse selection of courses, including introductory botany, plant morphology, economic botany, angiosperm systematics and physiology. During my years at the University of Massachusetts he taught his specialties, "Archeoniate Plants" and "Plant Geography", as well as introductory botany laboratory and a local flora course.

I took Dr. Schuster's courses in Archeoniate Plants and Plant Geography and found them to be two of the most stimulating courses of my collegiate career. Archeoniates was a curiously-named course, because it treated only bryophytes (40% hepatics, 40% mosses). As a burgeoning hepaticologist through, I was in my element. The lectures, which dealt largely with morphology, taxonomy and evolution, were copiously supplemented by chalkboard drawings, mimeographed text and preserved plant materials, including such rare plants as Physcolepis and Phyllocladia. Plant geography, which dealt with temporal, spatial and climatic aspects of plant distribution, included an in-depth treatment of tectonic theory and its relevance to botany.

Both (and I suspect all courses taught by Dr. Schuster) had similar ingredients. As lavish as his written prose, Dr. Schuster's lectures were briskly paced, and important points were driven home in no uncertain terms. He has a marvelous knack for metaphor, and it was always evident in his lectures. He would vividly create the mental pictures created by his descriptions of primitive plants being "goosed" from the oceans on tectonic movements, compelling forces; and of Nototh zgus and the marsupials leapfrogging frantically across Antarctica in order to hop back to South America before it deboarded northwards. His statement that "the bryophytes banked on the wrong generation" is one of my favorites.

On field trips students were treated to displays of Dr. Schuster's profound knowledge of the New England flora, his terrific energy and his love of bryophyte identification using what we referred to as the "braille method". He would flip up his glasses and hold the plant so close to his eye that one assumed he used tactile rather than visual senses to recognize it.

Students in any one of Dr. Schuster's courses probably remember with some affection the countless stories, relevant or not, that accompanied every lecture. Dr. Schuster's comic sense was highly developed, especially in the sarcastic mode; unfortunately his best "bon mots" are too slanderous for repetition here. His tales of adventure were also no-superb. Even the most jaded undergraduate would be beguiled by Dr. Schuster's descriptions of far-away places such as Ellesmere Island, Tierra del Fuego and Campbell Island, and all listened with rapt attention to accounts of the dangers and deprivations suffered in pursuit of research.

As advisor of my doctoral studies, Dr. Schuster treated me to many kindnesses. He was generous with reprints, specimens and literature, and I was often the recipient of gracious hospitality at the Schuster home.

Dr. Schuster is always enthusiastic about plants, from the flowers in his lovely garden to the minute Aphanolejeunnea. All students who have come in contact with him over the past 35 years have suffered from exposure to his love of plants and his high level of scholarship.


OUT AND ABOUT

A NEW COLUMN OF REGIONAL REPORTS

from our own correspondents

THE EDITOR IS KEEN that the Bryological Times should help people to feel in touch with what is going on around the world. To achieve this he would like to have "special correspondents" in different countries and regions who would be willing to send periodic, informal reports about bryologists and bryological activities in their part of the world.

Dr. Bill Buck of the New York Botanical Garden, has kindly agreed to try his hand as "special correspondent" in North America, and his first article is presented over. The Editor would like to hear from others prepared to send similar articles, their frequency and length depending upon the interest of the topics they report.

He would like to reassure readers that nothing of a sensational or defamatory nature will be published, and any personal or eccentric details intended to excite or arouse curiosity will be automatically deleted. If the Editor has the slightest suspicion that a colleague might wish an incident mentioned in one of these reports to remain unpublished, that part of the article will be submitted to the person in question whose wishes will be respected. Thus reassured, I hope that people will be willing to assist our correspondents with their newsgathering in the sure knowledge that they will be contributing to a breakdown of the sense of isolation that comes from not being able to talk to many other bryologists.

Although there may be some overlap with the Personality column, the latter will be continued for announcements requested by individuals.

The Editor.
OUT AND ABOUT

IN NORTH AMERICA

THE FOLLOWING OF OUR NORTH-AMERICAN bryologists have had the
opportunity to make trips abroad this year. Bill Reese left in mid-April for a 2 - 3 month
Projecto Flora Amazônica expedition
to Serra Cachimbo, Brazil, and was accompanied by licenol-
ologists Martyn Bibben and Lois Brako. The collections will be
identified and distributed by NY. Before he left, Bill Reese
sent off to a printer a manu-
script for a Moss Flora of the
North Gulf coastal plain, ex-
tending from the Florida pan-
handle to eastern Texas. John
Engel is currently in Tasmania
collecting, and he and Rudy
Schuster are collaborating on
a monograph of the Australasian
species of Schistochila. Ear-
lier this year Richard Zander
and Patricia Eckel went to
Guerrero, Mexico, to collect
Pottiaceae with Roberto Delo-
dillo. Bill Buck has spent 20
weeks collecting in the Great
Antilles during the last 2
years, and he was joined by
Bill Steere for part of the
time in the Dominican Republic.
They are both working on a Moss
Flora of the West Indies.

On the home front we were
all very sorry to hear earlier
this year that both Geneva
Sayre and Howard Crum have been
ill. Happily Geneva is now
back at home and continuing her
work on Pottiaceae, and correspon-
dence of Thomas Taylor. At the
time of writing Howard Crum is
still in the hospital and we all wish him well and full
recovery. It is hoped that he
will be fit enough to join Nor-
ton Miller to teach a peatlands
course in the summer at the
University of Michigan Biologi-
cal Station or Douglas Lake,
near Pellston, Michigan.

Howard Crum is co-editor of
the Moss Flora of Mexico,
originally organized by Jack
Sharp. Most of the manuscript
areas are now in. The illustrations
are being prepared by Patricia
Eckel (Mrs. Richard Zander). Jon
Shaw, who is just finishing his
Ph.D with Howard Crum on Polhia
will begin a post-doc in the
fall with Harold Robinson at the
Smithsonian Institution to
work on Mieliichhoferia. Howard
Crum’s other student, Joe
Rohrbach, is working on a compu-
ter-assisted classification of
the Hylicomorphaeae and Rhytidi-
daceae.

Steve Churchill recently
finished a master’s thesis at
the University of Kansas on a
monograph of Jaffuellobryum.
It will be published in the Ann-
als of the Missouri Botanical
Garden. He also worked on
Bazzania and cladistic method-
ology. In the fall he begins his Ph.D work at the New
York Botanical Garden with Bill Buck. He will join Inés Sastre-de-Lo-
sa, earning her doctorate while
on leave from the Faculty of the
Catholic University of Puerto
Rico at Ponce. She is currently
monographing the Cyrtospodaceae
and will begin her dissertation
work in the fall on the Neckerae-
cae.

Ron Pursell is currently
working on Fissidens in Central
America, the West Indies and
Brazil. His student, Shang-
hsian Lin, finished his Ph.D
last fall with a dissertation “A
taxonomic revision of Phylloco-
cladus”. Lin has returned to the
faculty at Tunghai Univer-
sity, Taiwan. Ron’s other
student is Lloyd Stark, who is
working on a monograph of For-
sstecia.

Jerry Snider is working on
various genera of the Ditricha-
ceae, particularly in Latin America.
His student, Bruce
Allen, is nearing completion of
his Ph.D dissertation, a mono-
ograph of the Dicernonaceae.
Bruce Allen did his master’s
work with Ron Pursell on the
peristome of Fissidens.

Rudy Schuster has begun
transferring his extensive pecu-
liar herbarium to the Field
Museum of Chicago. The trans-
fer will be gradual and will
be completed in time is due to
retire this spring, after
which he and his wife Olga
will leave for a year of collecting
in New Zealand, Tasmania and
the South Pacific. After his
return he plans to finish the
manuscript of volume 5 of his
Hepaticae and Anthoceratce of
North America.

Finally, the annual meet-
ing of the American Bryological
and Lichenological Society will
meet with the American Botanical
Society and the Canadian Botani-
cal Society at the University of
North Dakota at Grand Forks,
on August 7 - 11. The Foray
will be in the Black Hills of
South Dakota, and will be led by
Cliff Netmore who should be
contacted for more information
- see Diary for his address.


DIANA G. HORTON will be leav-
ing her present position as As-
sistant Professor and Assistant
Curator at the University of
Alberta, Edmonton, Canada, and
assuming duties as Assistant
Professor and Curator at the
University of Iowa. As of July
1, 1982, her address will be:
Department of Botany, University
of Iowa, Iowa City, Iowa 52242,
U.S.A.

JOHN A. CHRISTY is revising the
moss genus Sciarium (Sibiopa-
a) under the supervision of Dr.
Wilfred Schofield, Department
of Botany, University of British
Columbia, Vancouver B.C. V6T 1W5,
Canada. He requests specimens
from any part of the world.
Collections from South America, Asia
and South Africa, and material
with sporophytes, will be especi-
ally welcomed.

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THE GENUS Brachiolejeunea (Hepaticae) is currently being
monographed. Besides
morphological and anatomical
characters, data obtained from
chemical analysis of the oil
bodies, and SEM observations on
sporophytes, are being taken in-
to account. I would therefore
like to receive living material
of Brachiolejeunea species for
cultivation.

M. v. Slagteren, Instituut voor
Systematische Plantkunde, Heid-
eloorglaan 2, 3584 CS Utrecht,
The Netherlands.
Membership of IAB

THE FOLLOWING LIST was, for the period 1 December 1982 to 31 May, 1983, updated those already published. The last list appeared in Bryol. Times 18:2.

New Members
Arrocha, Clothilde*; Bastiaens, W.**; De Bock, Paul*; Döbberer, Peter*; Fife, Allan J.*; Ide, Jennifer*; Kaiser, Bernard*; La Farge-England, Catherine*; Lewis Smith, R.I.*; Losada-Lima, Ana*; McKnight, Bill N.*; Rushing, Ann E.*; Süderström, Lars*; Stieperaere, Herman*; Suzuki, Hyoji; Takemoto, Tsunematsu*; Ódar, Ram; Whitehouse, H.L.K.

Addresses
Arrocha, Clothilde, San Miguelito, Zona 11, República de Panamá.
Bastiaens, W., St. Adriaanstraat 49, B-2840 Haacht, Belgium.
De Bock, Paul, J.de Weerdstraat 13, B-2070 Ekeren-Antwerpen, Belgium.
Fife, Allan, Botany Division, D.S.I.R., Private Bag, Christchurch, New Zealand.
Kaiser, Bernhard, Gartenstrasse 15, D-65744 D.herschbruck, Germany, B.R.D.
La Farge-England, Catherine, Department of Botany, University of Alberta, Edmonton, Alberta T6G 2E9, Canada.
Lewis Smith, R.I., British Antarctic Survey, Botanical Section, Dingley Road, Cambridge CB3 0ET, England.
Losada-Lima, Ana, Dept. de Botanica, Facultad de Biologia, Universidad de la Laguna, Tenerife, Islas Canarias, España.
McKnight, Bill N., Department of Botany, University of Illinois, 209 Morrill Hall, Urbana, Illinois 61801, U.S.A.
Rushing, Ann E., Department of Botany, University of Illinois, 209 Morrill Hall, Urbana, Illinois 61801, U.S.A.
Stieperaere, Herman, Nat. Plantentuin, Domine van Bouchout, 1080 Brussels, Belgium.
Takemoto, Tsunematsu, Department of Pharmacology, Tokushima Bunri University, Yamashirocho, Tokushima 770, Japan.

Change of Address
Christy, John A., Department of Botany, University of British Columbia, Vancouver B.C. V6T 1W5, Canada.
Raymaekers, George, Michigan Technological University, Department of Biological Sciences, Houghton, Michigan 49931, U.S.A.
Schmidt, Alexander, Institut für Allgemeine Botanik, Ohnhorststrasse 18, D-2000 Hamburg 52, Germany, B.R.D.
Tsumoto Narita, 1-2 Komoto 2-chome, Nakagawa-ku, Nagoya-shi, 454, Japan.

Cancelled or deceased

NOTE: Addresses are only given for those members with an * after their surname or family name, i.e. those whose names will not be found in S.R. Grafstein’s Directory of Bryologists and bryological research, 2nd ed. (Regnum Vegetabile Vol.99, 1979), or where their present address is different to that given in the Directory.

Hispano-Portuguese Joint Project

SINCE JULY 1982, a joint project has been developed between Prof. Dr. C. CASAS, Dr. M.v.BRUGUES and J.R.M. GROS from the Botanical Garden of Barcelona, and Dr. C. SÉRGIO and M. SIM-SIM, from the Universidade de Lisboa. The aim is, with the help of a research group of the University of Lisbon, the study of the ecological and evolutionary study of the bryophytic vegetation in some Iberian limestone areas, which include two distinct regions in each country: the Algarve and the central limestone massif in Portugal and in Spain, two regions in the southwestern province of Alcântara.

Anyone interested in assisting in this project who has special knowledge of, or unidentified collections from one or both areas is asked to contact Prof. Dr. C. Casas or Dr. Sérgio. Prof. Dr. C. Casas Sícart, Dept. de Botânica, Fac. de Ciencias, Univ. Autonoma de Barajas, Bellaterra, Spain, and Dr. Cecilia Sérgio, Inst. Botânica, Fac. de Ciencias, Lisboa 2, Portugal.

DISCONTINUANCE OF MISCELLANEA

BRYOLOGICA ET LICHENOLOGICA

THE DEATH, following the oil-shock, has made the financial management of the Wattori Botanical Laboratory (public utility foundation established by S.Wattori) more and more severe, and governmental funds will be reduced in 1984. Under such conditions the publication of the Miscellanea Bryologica et Lichenologica will have to be discontinued at the end of 1983, when Vol.9 will be completed by the issue of No.9 (which will include an Index to the volume). So people are asked not to subscribe for 1984.

The Journal of the Wattori Botanical Laboratory (currently with two numbers per year) may have to be published as only one number each year after 1985. S.Wattori, The Wattori Botanical Laboratory, Obi, Nichinan, Miyazaki Prefecture, Japan.

Recent Publications


A major review, in English, of the presently-known naturally-occurring terpenoids and aromatic compounds of the Hepaticae. The structures and chemical activity of the compounds isolated, as well as the chemosystematics of the Hepaticae, are summarized. [Bryomonia s.n. 3rd Anniversary Issue, 1983]
The Bryological Times

The Moss Flora of Arctic North America Workshop
by William R. Buck

JULY 24 - AUGUST 6, 1982, marked the first Moss Flora of Arctic North America Workshop, which was held at the University of Alaska at Fairbanks, and was hosted by Barbara and David Murray. Barbara made it a particularly pleasant trip by active fund-raising, so that all costs were covered except plane fare to and from Alaska. The participants were, in addition to the Murrays, Wilf Schofield and Guy Brassard of Canada, Bill Steere, Bill Buck, Allan Fife and Dave Jamieson of the United States, Harumi Ochi of Japan, Jette Lewinsky and Gert Mogensen of Denmark, and David Long of Scotland. A preliminary notice about this workshop appeared in Bryol. Times, 17:3 under the title "Dr. Steere honoured".

The workshop began with two days of meetings, with Gert Mogensen presiding. The first morning the progress of bryophyte exploration in Arctic North America by Bill Steere (Alaska), Guy Brassard (Canada) and Gert Mogensen (Greenland). Barbara Murray had prepared a checklist of the mosses of Arctic Alaska, based primarily on Bill Steere's book. She had also distributed a checklist of the mosses of Greenland; this is the first such compilation for the large island.

In the afternoon the topic of discussion was bryophyte geography. Dave Murray gave a slide show of selected habitats in arctic Alaska. Bill Steere and Gert Mogensen then discussed the western and eastern arctic, respectively.

The next day, July 26, was devoted to more practical aspects of the flora. Gert showed slides of how the herbarium at the Botanical Museum at Copenhagen is operated, and specifically how the mapping of distribution of bryophytes is done with a computer. Next the devastating topic of deadlines for manuscripts was discussed. Finally, it was announced that the logo of the Bulletin of the Moss Flora of Arctic North America would be changed to a whale oil lamp with a moss wick, as was made by native Greenlanders. The new logo etched on it was presented to Bill and Dorothy Steere. (Dorothy Steere had concluded for the first two days of meetings.) In the early afternoon Harumi Ochi gave a report on his progress with the arctic Bryoideae.

In the afternoon the University of Alaska at Fairbanks conferred an honorary doctorate degree in a special ceremony at the University Museum, where our meetings were held. In addition to the University administrators, Barbara Murray, Gert Mogensen, Guy Brassard, Bill Buck and Wilf Schofield gave short talks on their special relationships with Bill Steere.

Despite the relative formality of the meetings during the day, the Murrays co-ordinated the evenings for relaxation, shopping, and socializing.

The following morning began the highlight of the workshop - a 10-day field trip from Fairbanks to Prudhoe Bay on the Arctic Ocean. In addition to the bryological crew, a driver and cook par excellence, Carolyn Parker, accompanied us. The complete itinerary has been given in the Bulletin of the NFANA. The next morning Steere and Murray's excellent "Bryological Field Guide: Dalton Highway, Alaska-Yukon River to Prudhoe Bay" (Univ. Alaska Mus. Stud. 1: 1-46, 1983) should also be consulted. The first day was mainly spent driving, with only a brief stop at a lichen-dominated tundra at Finger Mountain. We stayed the night at a campground on the Arctic Circle, where additional collecting was possible since the sky never completely darkened.

The next day was again spent mostly driving. It was this day that we reached the northern limit of spruce trees along the road. We had a few collecting stops though, at Sukakpak Mountain, Chandalar Shelf, and most notably, Atigun Pass. This last locality is the continental divide between the Arctic and Pacific Oceans, and melting glaciers provided ideal habitats for bryophytes. We then made it to our campsite for the next few days, the shore of Toolik Lake. There is a small research group from the University of Alaska ("tussock pluckers") based at the lake, and we were able to use their facilities. The next two days were spent collecting on a pair of mountains facing each other across a valley. We had already dubbed these peaks "Mt. Hultén" and "Mt. Steere". "Mt. Hultén" is predominantly a limestone mountain and special finds included Arctostaphylos alpina, Andromeda tundrae, Aphanostephus macrosporus, Violina nivalis and Nielochthera macrocarpa. "Mt. Steere", an acid peat ridge, fostered Phascum cf. cuspidatum, Leptopterigynandrum austrolapiolum and Philocarya aspera, among others. During our short morning at Toolik Lake we collected in the vicinity of our campsite. Most of the rarities here were hepatics, like Nesotricheca sahlbergii, Radula prolifera, Pseudolepicolea fryeri and Aphanostephus macrocarpa. About noon we left Toolik Lake and drove the several hours to Prudhoe Bay.

Prudhoe Bay is a city like no other. It is as if legitimacy was given to a huge industrial park! However, we all associated how well the city was built and the oil facilities. We were scheduled to stay there for three nights. The next morning saw the worst weather of the trip. However, despite the low temperatures and drizzling rain we were anxious to collect among the oil drilling sites. Quite to our relief, the numerous men-made objects had little effect on the tundra other than in the immediate vicinity. During our two days at Prudhoe Bay, our time not in the field was divided between Arco and Sohio Oil Companies, who generously assisted and fed us. Spalanthaceae were particularly common. We were interviewed for a local magazine, and Arctic Spark, 3 (9): 11, 1982, should be consulted. Despite the amenities of civilization provided at Prudhoe Bay, we were glad to get back to our tents in the wilderness. On the day we left we collected on a group of sandstone bluffs, Dave Murray named where Tetradontium was particularly common.

After a night at Toolik Lake we headed back to Fairbanks with minimal collecting in the vicinity of Atigun Pass, and in a Sphagnum-Alnus tundra near Finger Rock. Another night at the Arctic Circle was our last in the field.

Upon returning to Fairbanks we had only a brief meeting to discuss the workshop, and a slide show of our fieldwork in Alaska, where we will meet in 1984. We then all headed home with memories of a beautiful landscape and a wonderful trip.

New York Botanical Garden, Bronx, New York, 10458.
**10. The Bryological Times**

**DIARY**

**ABLS = American Bryological and Lichenological Society; BBS = British Bryological Society; BLAM = Bryologish-Lichenologische Arbeitsgemeinschaft für Mittel-Europa; CBWGW = Central and East European Bryological Working Group; NSB = Nordic Bryological Society; SBS = Swiss Bryological and Lichenological Society.**


**July 20-3 Aug.** BBS. Summer Field Meeting, C.C. Kerry, Eire. Headquarters in Killorglin (20-27 July) and Kenmare for the remainder of the time. Further information from Local Secretary, Dr. D. Synott, National Botanic Gardens, Glasnevin, Dublin 9, Eire. See Bull. BBS 41:16.

**Aug. 15.** ABLBS. Field Trip in Black Hills, South Dakota, for the BBS. Further details from Dr. C.M. Wemore, Dept. of Botany, University of Minnesota, St. Paul, Minn. 55105, U.S.A.

**Aug. 7-11.** ABLBS Annual Meeting at University of North Dakota, Grand Forks, North Dakota. Further details from Dr. C.M. Wemore.


**Aug. 26-30.** SBSL. Field Meeting Bernese Oberland, Giessbachfälle-Rosenlaui. Further information from Dr. K. Ammann, Syst.-geobot. Institut Altenbergain 22, CH-3013, Bern, Switzerland.

**Aug. 31.** BBS. Closing date for Jubilee Photographic Competition. See Bryol. Times 19:3 and Bull. BBS 41:20.

**Sept. 2-4.** BLAM. Field Meeting in the Hochvogesen. See Bryol. Times 19:5.


**Sept. 16-18.** The 1983 A. Laroy Andrews Foray will be held at Whiteface Mountain, Adirondack Mountains, New York State. Headquarters will be the Atmospheric Sciences Research Center at Whiteface. Further information from Richard E. Andrus, Department of Biological Science, State Univ. of New York at Binghamton, Binghamton, N.Y., 13901, U.S.A.

**Sept. 17-18.** BBS Jubilee Meeting, London. Local Sec. Mr. P.J. Wanstall, Dept. of Plant Biology and Microbiology, Queen Mary College, University of London, Mile End Road, London E1 4NS. Full details in Bull. BBS 41:17.

**Oct. 21-23.** 3rd Annual mid-west Bryological Foray, West Central Indiana, U.S.A. For further details see Bryol. Times 19:2.

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**THE INTERNATIONAL ASSOCIATION OF BRYOLOGISTS** publishes The Bryological Times every two months and the Advances in Bryology every two years. Material for The Bryological Times can be sent at any time, but submission dates for the Advances should be discussed with its editor, Dr. Schultze-Motel (Berlin). The editors do not accept responsibility for the views of authors.

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**ITEMS FOR THE NEXT ISSUE** to be with the Editor, Dr. S.W. Greene, Department of Botany, The University of Reading, London Road, Reading, RG1 5AG, Berkshire, England, (Telephone 847813 BUL1) by 15th August at the latest. Items for the Techniques Notebook should be sent direct to Dr. Janice Glize, Dept. of Biological Sciences, Michigan Technological University, Houghton, Michigan 49931, U.S.A.

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