

The BRYOLOGICAL TIMES

ISSN 0253 - 4738

Newsletter of the International Association of Bryologists

January, 1983

No. 18

Editorial

AS WE START ANOTHER NEW YEAR, it is time once more to take stock, however briefly, of the achievements of the old year, and the aspirations for the New.

The last year saw the birth of the "New Look" three-column Bryological Times and its formal registration as a serial. It has also seen the appointment of its first column editor and a steadily increasing circulation as membership of the Society grows.

Elsewhere in the Association there has also been substantial progress. What may well come to be seen as the most important bryological event of the decade was the launch of the Advances in Bryology, IAB's answer to all who called for a new Manual of Bryology. Many thought that the formula adopted so successfully by Verdoorn in the early thirties needed up-dating, and so instead of another single volume of review essays, IAB launched a series of review volumes, each designed to keep readers abreast with the changing frontiers of bryology.

The year past has also seen the publication of two IAB symposium volumes, the papers presented at the 1981 International Botanical Congress Meeting in Sydney and the belated appearance of the Proceedings of the IAB Workshop Meeting in Geneva, 1979. On the other hand a sad loss was the demise of the Bulletin of Bryology, which merged with The Bryological Times at the beginning of 1982.

So what of 1983? What policies are there for developing The Bryological Times? A Newsletter, to survive, must be alert to the needs of its readers, reflect their activities and views and provide rapid publication of the information they require. In fact it needs to

be a sort of bryological newspaper! Looking at the variety of articles that have been published over the last three years, one is struck by the practical nature of much of the material, which suggests that development along these lines is what most readers want.

Curiously these columns have not been used to any extent to aid the taxonomist with the time-consuming problems of locating types and other historically-important specimens. Many letters get written on this subject before a particular specimen is found, but one brief request published in The Bryological Times could save a lot of time and effort, since it would be read by curators the world over. The same argument applies to bibliographic problems where one reader may have at his fingertips the answer to another's question, "Is the bibliographical date of... the same as the date of issue, if not, why not?" Bring the two together and there is a rapid solution. In other words, by bringing our needs out into the open a little more we could perhaps save ourselves a great deal of time and trouble.

Apart from encouraging readers to consider new ways in which The Bryological Times may be made more helpful to them, an effort will be made to get news of bryological activities from countries about which we normally read very little in these columns. In view of the meetings planned for Tokyo next year, 1983 would seem to be the opportunity to build up international co-operation with bryological colleagues in S.E. Asia and the Indian subcontinent. Any plans for bryological meetings, or the launch of new bryological projects in this region, will be particularly welcome. The Editor would also like to be put in touch with correspondents willing to send information on a regular basis about bryological activities anywhere in the region.

And what does IAB hope to achieve in 1983? Presumably there will be a meeting of the Association in Tokyo although no details have yet been announced. It is also to be hoped that the various committees of Council mentioned in the Secretary's Report of the Sydney Meeting (Bryol. Times 12: 3-4) will report, particularly the committees debating possible changes in the constitution and publication procedures. Both of these committees seem to be going about their business in mysterious ways as some of their members profess not to know the stage their deliberations have reached, or when they will be completed!! Of course it may be that the technique of "lobby correspondent" to secure "a bryological leak" has not yet been developed sufficiently and needs more nurturing. Clearly there is a long way to go before we are in danger of reaching "klepto-leak" proportions! There also appears to be some mystery surrounding the Standing Committee on Tropical Bryology, as so far no Chairman, members or terms of reference have been announced. Since it is the first permanent Committee established by Council, and as its work load is likely to be formidable, the announcement has unusual interest.

It is known that the IAB Council is to consider effective responses to the nine resolutions passed at the Workshop Meeting in Geneva, and published in the Bulletin of Bryology XVIII (Taxon 29(2/3):370-371, 1980). Some think it will be a good test of the Association's ability to evolve coherent policies on major issues such as bryological conservation in the tropics. Clearly some matters are of such importance that the traditional ways of dealing with them - by intermittent discussion at international meetings - is no longer adequate and additional measures are required.

As policies on major

issues are more likely to be acceptable if the views of colleagues the world over have been taken into account, it seems desirable for Council to broaden some of its debates by calling for the views of the membership of IAB. Decisions are, of course, the prerogative of Council and once taken require a strong lead for their implementation. If in 1983 IAB evolves a satisfactory policy on at least one major issue it will have done well. To achieve this goal, the officers and Council should receive wholehearted support as they face the opportunities of the New Year.

In ending, the Editor would like to thank all those who have sent material for The Bryological Times, and the many more who have given encouragement and help in its production. All of us at The Bryological Times send hearty best wishes for 1983 to all our readers.

World Conference of Bryology

Tokyo 22-28 May, 1983.

Extracts from the 2nd Circular.

THE CONFERENCE WILL BE HELD AT the National Science Museum, Ueno Park, Tokyo.

REGISTRATION

A completed registration form with registration fees and deposits for the special tours, to be with Dr. Zen Iwatsuki, Programme Secretary, The Hattori Botanical Laboratory, Obi, Nichinan-shi, Miyazaki-ken 889-25, Japan, by 31st December, 1982.

REGISTRATION FEES

Regular members
¥6,000 or U.S. \$ 26.00
Associate members
¥2,000 or U.S. \$ 9.00
Tours: ¥3,000 or U.S. \$ 10.00

Foreign participants must send their fees by International Money Order (Giro Account Kago-shima 4-17619) or bank draft in Japanese yen or U.S. dollars.

Registration fees will be fully refunded to any participant who cancels prior to 30th April, 1983. Deposits for special tours are not refundable.

LANGUAGE

The working language of the conference will be English. Simultaneous translation facilities will not be available.

SCIENTIFIC PROGRAMME

22 May (Sun) Arrival, registra-

tion at Hotel.

- 23 May (Mon) Morning: Contributed paper session.
Afternoon: Symposium 1. Phytogeography of bryophytes in Asia and the Pacific.
Convenor: W.B. Schofield.,
Welcoming party in the evening.
- 24 May (Tue) Morning: Contributed paper session.
Afternoon: Symposium 2. Recent aspects of physiology and ecology in bryophytes.
Convenor: M. Bopp.
- 25 May (Wed) Excursion to Mt. Fuji.
- 26 May (Thu) Morning: Contributed paper session.
Afternoon: Symposium 3. Bryology (and its methodology) for the '80s.
Convenor: L.E. Anderson.
- 27 May (Fri) Free (excursions, sightseeing and other activities will be planned).
- 28 May (Sat) Morning: Contributed paper session.
Afternoon: Business Meetings
- 29 May (Sun) Departure of the special tours.

The morning sessions will be devoted to the contributed papers and all authors must submit an abstract on the form provided by the end of January 1983. Contributed papers to be presented orally will be allotted 15 minutes, followed by a 5-minute discussion period. For each afternoon symposium a number of speakers (around 4) will be nominated by each convenor.

FIELD TRIPS

On 25th May (Wed) a field trip to Mt. Fuji, the highest mountain in Japan, is available to all participants. Many bryophytes will be observed in the forests at the middle to lower elevations. Various activities, including a field trip to the Chichibu Mountains and a visit to Hakone (for its moss garden), are planned for 27th (Fri), a free day. Costs for these trips will be announced in the 3rd circular.

DISPLAYS

A number of displays of bryological interest, such as bryological books (published in Japan), tray landscapes using bryophytes, and others will be presented during the conference.

SPECIAL TOURS

The following three tours are planned after the conference.

Tour No. 1: Tokyo-Kyoto, 29-30

May (2-days). Fares ¥57,000.

Tour No.2: Kyoto-Hiroshima-Tokyo, 29 May-2 June (5 days). Fares ¥.92.000.

Tour No.3: Tokyo-Kyoto-Hiroshima-Nichinan-Tokyo, 29 May-5 June (8 days). Fares - ¥147.000.

Travel by bullet train, visit moss gardens and ancient temples, enjoy Japanese traditional arts and museums, undertake fieldwork in sub-tropical forest and visit the Hattori Botanical Laboratories - some of the delights awaiting the bryological tourist.

FURTHER INFORMATION

Contact the Programme Secretary, Dr. Zen Iwatsuki at the address above.

[Editorial Note: As the 2nd circular was not received in Reading until after issue No.17 had been sent for printing, it was not possible to ensure that its contents would be seen by readers of the Bryol. Times before the 31st December, 1982, the advertised final date for receipt in Tokyo of registration forms, fees and special tour deposits.]

Membership of IAB

THE FOLLOWING LISTS, for the period 1 September to 31 November update those already published. The last list appeared in Bryol. Times 17:2

New Members

Sauer, E.; Yamaguchi, T.

Addresses

Sauer, Erhard, Fachrichtung Botanik Universität des Saarlandes, D-6600 Saarbrücken, Germany, B.R.D.

Yamaguchi, Tomio, Bot. Inst., Fac. of Science, Hiroshima University, 1-1-89, Higashi-senda-machi, Naka-ku, Hiroshima, 730 Japan.

Change of Address

Ben, Gillis, Karlbergsvagen 78, 2tr S-11335 Stockholm, Sweden.

Kruijt, Rob, Grubbehoeve 283, 1103 GX Amsterdam - Z.O. The Netherlands.

Cancelled or Deceased

Luitingh, A.

INDEX HEPATICARUM
NEWS

WE HAVE OBTAINED A GRANT for another three years from the Swiss National Foundation to complete the *Index Hepaticarum*, with the valuable help of Sylvia Willi-Bonner. The new grant includes provision for electronic equipment which will allow editorial facilities as well as the creation of a data bank at Geneva University.

We would therefore greatly appreciate it if bryologists could send us, at their earliest convenience, all supplementary information, corrections, etc., to parts A-L, already published. The checked and completed data for L-M will be computerized and published in the near future.

Patricia Geissler, Conservatoire botanique CP.60, CH-1292, Chambesey/Genève.

Recent Publications

Australasian Bryol. Newsletter
No. 7, 1982.

IRELAND, R.R., 1982. Moss flora of the maritime provinces of Canada, Bot. Publ. No. 13, 1-738 pp.

RENZAGLIA, K.S., 1982. A comparative developmental investigation of the gametophyte generation in the Metzgeriales (Hepatophyta). *Bryophytorum Bibliotheca* Bd. 24, 358pp., Price DM 120.

SCHUMACKER, R. ed. 1982. Aperçu de l'état actuel des études floristiques et chorologiques sur les bryophytes en Europe. *Lejeunia*, N.S., No. 107, 1-60.

This issue contains the papers presented at the first meeting of the "Groupe de travail pour la cartographie des bryophytes en Europe" held at La Station Scientifique des Hautes-Fagnes de l'Université de Liège, 1 - 3 November 1980. (See *Bryol. Times* 9:3-4, 1981). After an introductory paper by R. Schumacker explaining the aims and methods of the European bryophyte mapping programme there follow 18 papers, each giving the up-to-date account of the state of taxonomic and floristic studies in 18 European countries.

SMETTAN, H. 1982. Die Moose des Kaisergebirges, Tirol insbesondere ihre Verbreitung und ihr Soziologie in höheren Pflanzengesellschaften. *Bryophytorum Bibliotheca* Bd. 23, 128pp. Price DM 50.

An IAB Symposium
on
Bryophyte Ecology

THIS MEETING will be held in Hungary in August 1985. The programme will include two days of lectures in Budapest and Vác-rátót, focusing on various aspects of bryophyte autecology, synecology and pollution indicators, as well as two day trips to areas of particular interest, e.g. xeric vegetation on dolomitic and volcanic rocks near Lake Balaton, and the sand dunes of Kiskunság National Park.

The organizers are T. Pócs and T. Simon, Institute for Botany of the Hungarian Academy of Sciences, Vác-rátót and Department of Plant Taxonomy and Ecology of the Budapest University, who will circulate further particulars and a detailed programme in due course. The proceedings of the Symposium are to be published by the Hungarian Academy of Sciences.

THE FOURTH MEETING OF
CENTRAL AND EAST
EUROPEAN BRYOLOGISTS

IN CONJUNCTION WITH THE ABOVE SYMPOSIUM, the 4th Meeting of Central and East European Bryologists will be held in Eger, Hungary, during August 1985, and will be hosted by S. Orbán. Its timing will be arranged so that members will also be able to participate in the IAB Symposium if they wish.

A Mapping Workshop in
The Fränkische Jura

THE VENUE IS VELDEN, FRÄNKONIAN JURA, NORTHERN BAVARIA (a limestone and keuper area with rich forests and good rock vegetation) 15-18 April, 1983. The area is especially rich in montane bryophytes, e.g. *Cololejeunea rosettiana*.

It will be organised by Mr. KAISER, an active amateur bryologist, with help from Prof. Dr. R. DUELL, Duisburg, and other well-known bryologists.

Hotels and food will be cheap and of good quality. Reservations for hotels to the "Fremdenverkehrsverein Velden: registration to Mr. Kaiser, c/o: Prof. Dr. R. Duell, Universität Gesamthochschule Duisburg, 4100 Duisburg 1, Lotharstr. 65, B.R.D. before the end of February. The number of participants is limited but all foreign bryologists will be welcome.

W.W. WATTS COLLECTIONS

BILL BUCK AND BARBARA THIERS from the New York Botanic Garden, have discovered a number of W.W. Watts collections, including types named by Brotherus and Watts at the Herbarium of the Brooklyn Botanical Garden (also in New York). How they came to be there is not known. It is hoped that the collections can be transferred on permanent loan to the New York Botanic Garden.

BRYOPHYTE TAXONOMY
methods, practices and floristic
exploration

PROCEEDINGS OF THE INTERNATIONAL ASSOCIATION OF BRYOLOGISTS TAXONOMIC WORKSHOP MEETING, GENÈVE, 27 AUGUST - 2 SEPTEMBER, 1979.

Edited by Patricia Geissler (Genève) and S.W. Greene (Reading, England). Beihefte zur *Nova Hedwigia*, Ht. 71: [i]-xviii, 1-558, Published 19 November 1982.

Available from: J. Cramer, Verlag (In den Springaeckern 2, D-3300 Braunschweig, W. Germany). Price DM.200

This work is not available at a discount price to members of IAB but one free copy is being sent to all Workshop participants who paid the full registration fee in Genève. If anyone who attended the Workshop has not yet received a copy, they should write immediately to Dr. Geissler who was responsible for registration.

Personalia

Alan J. FIFE of the University of Michigan, Ann Arbor, began working at Botany Division, DSIR, Private Bag, Christchurch New Zealand on 20th September 1982 on a two-year National Research Advisory Council Post-Doctoral Fellowship. His project is a taxonomic revision of the Funariaceae in New Zealand, their cytology and ecology.

Professor Uri GERSON of the Faculty of Agriculture, Hebrew University of Jerusalem, will be working at Entomology Division, DSIR, Auckland, New Zealand until June 1983. He hopes to investigate the role of invertebrates in spore dispersal of members of the Splachnaceae.

Dr. Norton G. MILLER became Chief Scientist of the Biological Survey of New York State on 1st October, 1982. His new address is: Biological Survey, New York State Museum and Science Service, Cultural Education Center, Albany, NY 12230.

Dr. G.A.M. Scott of Monash University, Victoria, Australia will be spending 1983 based at Corpus Christi College, Leckhampton House, Grange Rd., Cambridge, England, working on the early history of bryology, especially biological illustration.

Herman STIEPERAERE earlier this year joined the staff of the Department of Bryophytes and Thallophytes of the Jardin Nationale de la Belge (BR). He is interested in the bryophytes of Belgium and Tropical Africa.

Deaths

GIACOMINI, Valerio, on the 6th January 1982, at Rome, Italy.

EXCHANGE AND MART

ROSARIO, R.M. del, 1979. Moss Flora of the National Botanic Garden, Philippines. Published by the Agricultural Research Center, National Institute of Science and Technology, 133pp. Available in exchange from The National Museum, P.O. Box 2659, Manila, Philippines.

ROSARIO, R.M. del and G.L. Penicilla, 1980. Moss endemism in the Philippines. Botanical Papers No.3, National Museum, Manila. Also available from The National Museum, PO Box 2659, Manila, Philippines.

BRAZILIAN BRYOPHYTES AVAILABLE

WHEN DR. ALIOSIO SEHNEM DIED in 1981, he left a collection of bryophytes which had not been fully worked up. These are in the Anchieta Herbarium of the Universidade do Vale do Rio dos Sinos, Avenida Unisinos, 950 - Caixa Postal 275, São Leopoldo, Brazil. Professor Ronaldo Wasum, Curator of this Herbarium, is anxious to have help in getting the material identified and anyone interested is encouraged to write directly to him at the above address.

DIARY

BBS = British Bryological Society; CEBWG = Central and East European Bryological Working Group; OPT-BWG = OPTIMA - Bryophyte Working Group.

Jan.31. Latest date for submission of abstracts by contributors to World Conference of Bryology. See this issue, p.2.

Feb. 1-11. 15th Pacific Science Congress, Dunedin, New Zealand.

April 6-13. BBS Spring Field Meeting, Ilkley, West Yorkshire. Local Secretary: Mr. T. Blockeel, 20, Heathfield Close, Bingley, West Yorkshire BD16 4EQ, England. For full details, See Bull. BBS 40: 15-16.

April 15-18. Fränkonia Jura - Northern Bavaria. Mapping meeting. See this issue p.3.

May 22-28. Tokyo World Conference of Bryology. For programme details, see this issue p.2. Further details from: Dr. Z. Iwatsuki, Hattori Botanical Laboratory, Obi, Nichinan-shi, Miyazaki Pref. 889-25, Japan.

June 6-12. OPT-BWG. Palermo, Sicily. Symposium on Mediterranean Cryptogamic Botany. Further information from: Dr. C. Heyn, Dept. of Botany, The Hebrew University of Jerusalem, Israel. See Bryol. Times 14:5.

July-Aug. BBS Summer Field Meeting, Kerry, Éire. Local Secretary: Dr. S.M. Synnott, National Botanic Gardens, Glasnevin, Dublin 9, Éire. For preliminary notice, see: Bull. BBS 40:16.

Sept. 17-18. BBS Jubilee Meeting, London. For preliminary details, see Bull. BBS 40:16.

1985

August. CEBWG. Eger Hungary. 4th Biennial Meeting. For preliminary information, see this issue p. 3.

August. IAB Budapest and Vác-rátót. Ecology Symposium. For preliminary information see this issue p. 3.

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.

For details regarding membership of the International Association of Bryologists (currently U.S. \$8.00 p.a.), write to the Honorary Secretary, Dr. S.R. Gradstein, Instituut voor Systematische Plantkunde, Heidelberglaan 2, 3584 CS Utrecht, The Netherlands.

THE BRYOLOGICAL TIMES is published in Utrecht and distributed from Missouri (USA), Reading (UK), Tokyo (Japan) and Utrecht. All correspondence concerning mailing to: M. A. van Slageren, Instituut voor Systematische Plantkunde, Heidelberglaan 2, 3584 CS Utrecht, The Netherlands.

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 5AQ, Berkshire, England, (Telex 847813 RULIB), by the 15th February at the latest. Items for the Techniques Notebook should be sent direct to Dr. Janice Glime, Dept. of Biological Sciences, Michigan Technological University, Houghton, Michigan 49931, U.S.A.