PRESIDENT: J.H.G. Peterken, F.L.S.

Bulletin No. 12, August, 1969

Weekend Meeting in Birmingham - October 25th and 26th

The 1969 Autumn Meeting will be held at The University of Aston in Birmingham, Gosta Green, Birmingham-4, by kind permission of Professor A. J. Matty B.Sc., Ph.D.

Local Secretary: Dr. J.G. Hughes

Members intending to come should inform Dr. Hughes (The Department of Biological Sciences) so that they can be sent a detailed programme. There will be a field excursion on Sunday, 26th October led by Mr. T. Laflin.

Papers promised include:-

- 1. Mr. T. J. Bines, Department of Botany, The University, Newcastle upon Tyne. "Aspects of Epiphytic Growth and Nutrition", Morning, 45 minutes including discussion.
- 2. Dr. P. J. Grubb, Department of Botany, University of Cambridge.
 "The Growth of the Spotophyte of Polytrichum formosum Hedw." 45 minutes plus discussion.
- 3. Dr. K. R. Lewis, Trinity College, Carmarthen.
 "Experimental Taxonomy of the Bulbiferous <u>Pohlias</u>". 30 minutes plus discussion, afternoon.
- 4. Dr. M. C. F. Proctor and Dr. H. N. Hinshiri, Department of Botany, University of Exeter.

 "Some Experiments on Assimilation by Bryophytes Following Dessication".
 30 minutes plus discussion, afternoon.
- 5. Mr. W. J. Syratt, Baxi Research, B.P. Research Centre, Chertsey Road, Sunbury-on-Thames, Middlesex.

 "The Effect of Sulphur Dioxide on Epiphytic Bryophytes".

Exhibits for the evening meeting on Saturday, 25th October are specially requested.

Accommodation in Birmingham:-

HOTELS IN THE CITY CENTRE	Telephone No.	Bed and Breakfast
ALBANY HOTEL, Smallbrook Ringway, 5.	021 643 8171	90/-
ARDEN HOTEL, New Street, 2.	021 643 1029	From 32/-
IMPERIAL CENTRE, Temple Street, 2.	021 643 6751	From 47/6
MIDLAND HOTEL, New Street, 2.	021 643 2601	From 63/-
COBDEN, 177-168 Hagley Road, Edgbaston	021 454 6621	From 32/-
GARDEN HOUSE HOTEL, 154-160 Hagley Road, Edg. 16.	021 454 4591	From 56/6
MILANO, 433 Hagley Road, Edgbaston, 17.	021 429 2061	From 30/-
NORFOLK, 259-267 Hagley Road, Edgbaston 16.	021 454 0870	From 32/-
PENNS HALL, Penns Lane, Sutton Coldfield	021 351 2031	From 55/-
ROYAL, High Street, Sutton Coldfield	021 354 1176	From 45/-
WYCHBOLD HOTEL, Birmingham Rd., Sutton Coldfield	021 354 1092	42/-

Information concerning the above establishments is taken, with permission, from the City of Birmingham Accommodation and General Information Guide. It has been furnished by the proprietors and inclusion does not imply any form of recommendation. Charges are subject to alteration without notice. Intending visitors are advised to make their reservation as early as possible and to confirm that the charges shown still apply.

Visitors requiring accommodation in Birmingham may call "PHON-O-TEL" Ltd. 021 705 7955 and be informed which hotels have vacancies (Monday to Friday). This is a free service sponsored by the hotel industry to assist visitors.

The A.G.M. and field excursion in 1970 will be held at Criccieth, Caernarvonshire. lst April - 8th April. Local Secretary - Dr. A. J. E. Smith.

A summer meeting will be held at Sligo, Irish Republic, for two weeks from 26th August, 1970 - dates decided at Lyme Regis A.G.M., but we now learn that the last two weeks of August is a very busy time in Sligo, as the Yeats Summer School is held then. If members intending to come would prefer the dates 2nd September to 15th September please let the Secretary know their views as soon as possible.

A paper reading meeting will be arranged in Sheffield, October 24th and 25th, 1970.

BINDING TRANSACTIONS VOLUME 5

William Cross (Leicester) Ltd. 6 Mansfield Street, Leicester, will accept orders, cost 35/-d. plus postage. Members should state if they require covers removed, included or bound in at the end of the volume. Members should wait to receive the Title Page for Vol. V.

B.B.S. Album of Photographs.

As many members will know, the late Arnold Thompson formed a collection of photographs of bryologists, mostly those who were or are members of the Society. The present Secretary has added to the album and it is brought to some meetings. There are many present active members not represented, so the Secretary appeals for good photos of living members to be sent for inclusion. Third request, as only three (foreign) members have responded.

<u>Volume 1. Reprint:</u>
been produced as yet.

Concerning this matter.

The reprint of Volume 1 of the transactions has not Information will be given on next bulletin to members

ANNUAL BRYOPHYTE EXCHANGE.

Parcels of bryophytes for the Annual Exchange should be sent to the Secretary by 30th November, 1969.

The Desiderata lists, or any enquiry to the Secretary.

The Annotated lists of British Mosses and Hepatics, or the census Catalogues can be used for marking Desiderata.

In the interests of conservation the exchange procedure will be modified, and may eventually be limited to only common or critical species for the assistance of beginners. The sending for exchange of rare or local species is forbidden.

Notes on the Preparation of material as N.C.R. vouchers or for Distribution.

- 1. Use clean white paper (NOT newspaper) to make the packet. Avoid using gummed envelopes.
- Packet size should not be less than $3\frac{1}{2}$ " x 3" even if the species is minute: smaller packets tend to get lost in the folds of the larger ones. When the species is very small it can be packed within the larger packet.
- 3. Species name, habitat and locality details, and collector's name should be clearly written on the outside flap of the packet. Place names, especially Gaelic and Welsh ones, should be printed. The value of the specimen and the record is increased by having full habitat details.
- 4. Voucher specimens are preserved in the B.B.S. Herbarium and contributors should, if possible, send a specimen for this purpose.
- 5. No plant should be gathered for exchange if by doing so its existence is endangered.

The 1968-69 Exchange - Some Notes.

Packets sent by 25 Members:

8 Overseas Members Sent:

Musci Sphagna Hepaticae	1362 125 254	Musci Sphagna Hepaticae	663 33 89	
	1741		785 =	Nearly half the total.

- 5 Overseas Members sent over 100 packets.
- 2 Inland also, and 8 Members sent less than 20 Packets.

Many genera such as Andreaea, Tortula, Bryum, Orthotrichum, Cephalozia, Cephaloziella, Lophozia and Scapania were not or scarcely represented.

Hypnaceae were well represented. A particularly valuable contribution was received from Mr. J. H. Albrecht. Six overseas Members hoped that the exchange would not be discontinued.

Mnium undulatum

Dr. M. E. Newton, Department of Botany, Winterbourne, Research Gardens, The University, P.O. Box 363, Birmingham 15, would be grateful for small gatherings of living material of sterile, fertile or fruiting Mnium undulatum for a cytological survey, and would refund postage.

The following taxa are being mapped and Dr. A. J. E. Smith, School of Plant Biology, Memorial Buildings, Bangor, requests records to be sent to him.

Arctoa fulvella Bryum donianum Bryum marratti Hypnum hamulosum Mnium orthorrhynchum Oedipodium griffithianum Conostomum tetragonum Encalypta rhabdocarpa Grimmia orbicularis Scapania aspera Scapania gracilis Tortella nitida

Contributors of papers to the Transactions should note the instructions (revised) on Page III of the cover - Vol. 5 Pt. 4 and pay attention to the date of 1st January.

A Bryophyte Check List for Lincolnshire by M. R. D. Seaward M.Sc.

Published by the Lincolnshire Naturalists' Union as Lincolnshire Natural History. Brochure No. 4 pp. 16, 1969, can be purchased from Mr. D. N. Robinson, 160 Eastgate, Louth, Lincs., 5/-d. post free.

Our member Dana Griffin, III Asst. Prof. of Botany, University of Florida, Gainesville, Florida, 32601, U.S.A. would like to exchange American bryophytes and lichens for European and British material. Those interested please write directly.

The Librarian would be pleased to receive author's separates for the Library. Our collection of papers is most useful and is of service to all Members resident in the United Kingdom.

E. C. Wallace Hon. Secretary

NEW MEDBERS TO JULY, 1969.

F. J. Barker

22 Sandringham Road, Northampton. N.N.1. 5 NA.

Mrs. A. S. Corley, B.A.

Pucketty Farm, Faringdon, Berks.

(Family Member)

A. T. Dobson, B.Sc.

Botany Dept., The University,

Hull.

Prof. Dr. J. M. Gehu

Hameau de Hendries, 59 Bailleul, France.

Dr. Dana G. Griffin, III.

Dept. of Botany, University of Florida, Gainesville, Florida 32601, U.S.A.

W. R. Guerke

2216 Westchester Avenue, Baltimore, Maryland, 21228, U.S.A.

E. Hegewald

46 Dortmund, Kohlenstoff, Biolog Forschungstat, Bunsen-Kirchhof Str. 13, West Germany.

W. J. Hoe, B.A.

Dept. of Botany, 2450 Campus Road, Dean Hall, University of Hawaii, Honolulu, Hawaii 96822.

D. A. Orwin, B.Sc.

Luton College of Technology, Park Square, Luton, Beds.

G. W. J. Paice, B.Sc.

Dept. of Botany, The University, Hull.

A. J. Richards

Botany School, South Parks Road, Oxford 57857.

D. H. Riley, B.Sc.

31 Promenade, Portstewart, Co. Londonderry, N. Ireland.

G. L. Smith

Assoc. Curator (Bryophyte) The New York Botanical Garden, Bronx, New York 10456, U.S.A.

R. C. Tapper

Brown's Piece, Piddington, Bicester, Oxon.

D. W. Thomas

27 Magdalen Road, St. Leonards on Sea, Sussex.

R. G. Woods, B.Sc.

Cryptogamic Botany Dept., University of Manchester, Manchester Ml3 9PL.

RECENT CHANGES OF ADDRESS

Dr.	G.	Κ.	Berrie

Dept. of Science, Cambridgeshire College or Arts and Technology, Collier Road, Cambridge, CBl 2AJ.

B. F. T. Ducker

2 Trefonwys, Bangor, Caerns.

G. Een

Solbacksvagen 25, 14700 Tumba, Sweden.

J. C. Gardiner, F.L.S.

6 Stanhope Terrace, London, W.2.

B. Hopkins

18 Cleves Court, St. Marks Hill, Surbiton, Surrey.

H. Muhle

University of Ottawa, Dept. of Biology, Ottawa 2, Canada.

R. M. Payne

49 Galton Road, Westcliffe on Sea, Essex.

R. B. Pierrot

C.E.S. Eugene Fromentin, Rue Joillot, 17 La Rochelle, France.

W. J. Syratt, B.Sc.

36 Ashbrook Road, Old Windsow, Berks.

Mr. & Mrs. J. R. Tennant

Ryebrook, Church Road, Ramsden Bellhouse, Billericay, Essex.

J. W. Cowan

Botany Dept., King's College, 68 Half Moon Lane, London, S.E.24.

Dr. R. E. Longton

Dept. of Botany, University of Winnipeg, Canada.

Dr. F. Rose, B.Sc., F.L.S.

Rotherhurst, 36 St. Mary's Road, Liss, Petersfield, Hants.

P. A. Stott, B.A.

42 Pinner Road, Harrow, Middx.