

BRITISH BRYOLOGICAL SOCIETY

President: E.C.Wallace

Bulletin No. 20 November 1972

1. Future meetings of the Society

- (a) Easter field meeting, 1973 Whalley Abbey, Blackburn, Lancs

Local secretary: Dr J.G.Duckett  
School of Plant Biology  
University College of North Wales  
BANGOR  
Caerns  
N.Wales

Accommodation It will be possible for most members to be accommodated in single or double rooms at Whalley Abbey where all residential places have been booked for the week on behalf of the B.B.S. A certain amount of other accommodation could be found locally by the Local Secretary on request. Charges at Whalley Abbey are approximately £3.50 per day (service included). Bar and drying room available.

Programme The environs of Whalley are very varied, with uplands, lowlands, limestone and acid rocks, whilst the sand dune coast is within reach. V.c.59 is very underworked.

Booking arrangements Because of the block booking arrangements at Whalley Abbey, B.B.S. members are asked to make their bookings through Dr Duckett personally, AND NOT WITH WHALLEY ABBEY. He can also give information about alternative rooms, and has prepared a provisional programme for the meeting.

- (b) Summer field meeting, 1973: Western Lake District, 1 - 8 September 1973

It is expected that the meeting will be based on Ravenglass, Cumberland, to allow working of the coastline and little-visited valleys running westwards from the central Lake District mountains.

Local secretary not yet appointed, so members wishing to attend or to receive the provisional programme should write to the meetings secretary (Dr G.C.S. Clarke, Manchester Museum, The University, MANCHESTER M13 9PL) for information to be sent when available.

- (c) Autumn paper-reading meeting and A.G.M., 1973: Keele, Staffordshire 19-21 October 1973

Local secretary not yet appointed, so for information when available please write to Dr Clarke as above. Please note that it is not yet confirmed that the meeting will be held at Keele, but in any case the final decision will be notified in the next news bulletin.

2. Other meetings in 1973

- (a) Bryophyte Ecology field course at the Drapers' Field Centre, Rhyd-y-Crauau, BETWS-Y-COED, Caerns

This field week will be organised by Dr D.H. Dalby and by A. Southorn, and will serve as an introduction to the identification and ecology of upland bryophytes, especially those of oak woodlands

in the Conway Valley

For details about the course, please write to Dr D.H.Dalby, Dept of Botany, Imperial College, Prince Consort Road, LONDON SW7 2BB, and for domestic arrangements, fees and bookings to the Warden, Drapers' Field Centre, Rhyd-y-Creiau, BETWS-Y-COED, Caerns.

(b) Field meeting in the Farø Islands, July 1973

The Nordic Bryological Society is holding a field meeting in the Farø Islands for a period of not less than a week starting in early July 1973. Accommodation will be in single rooms in the Technical College at Thorshavn, and will not be expensive (by Scandinavian standards). For information about the meeting, please write to Dr K.Holmen, Universitets Botaniske Museum, Gothersgade 130, KØBENHAVN K, Denmark.

B.B.S. members wishing to attend should also contact Mr A.C.Crundwell, Dept of Botany, The University, GLASGOW W.2, since he may be able to arrange reduced travel rates if a party travels together from Britain.

(c) Oak symposium, University of Sussex, 19-23 September 1973

The B.S.B.I. is organising a symposium on the Oak, considering its taxonomy, ecology, genetics, morphology, reproduction, regeneration and productivity, and as a habitat for other organisms. The symposium will also cover the history of the oak and oakwoods, its use as a building material and its place in legend and literature.

The detailed programme will be available in May 1973, and non-members of the B.S.B.I. should send a self-addressed stamped envelope (9 x 4 in.) to Mrs Mary Briggs M.P.S., White Cottage, Slinfold, HORSHAM, Sussex RH13 7RG.

3. Lindbergia

In the last news bulletin, the name of the Dutch editor of the journal Lindbergia, A.Touw, was unfortunately left out by mistake. His name should thus be added to the entry on p.5 of Bulletin 19.

4. International Association of Bryologists (I.A.B.)

Enclosed with this news bulletin is a copy of a questionnaire form prepared by Dr Rob Gradstein of I.A.B.

Would interested members of the B.B.S. please complete the form and return it directly to Dr Gradstein at the address given on the form.

5. Bryologia Europaea facsimile edition

Messrs A.Asher & Co.N.V. announce the publication of a facsimile edition of the Bryologia Europaea by Bruch, Schimper and Gumbel, in two volumes of text and one volume with 681 plates. The work is provided with a new introduction and is edited by Dr P.A.Florschütz and Dr W.D.Margadant. Dr Margadant has also provided the indexes. The facsimile edition has been prepared with a view to making use of the work easier for the reader, so the plates are now consecutively numbered and cross-references are provided. Price f 1620.00  
Enquiries to A.Asher & Co.N.V., Keizersgracht 526, AMSTERDAM-C, Netherlands.

It should be noted that this work has been reviewed on pp 100-101 of the Journal of Bryology, vol.7, part 1.

## 6. World Expeditionary Association

The World Expeditionary Association offers both group travel facilities and discount rates for individual members. They also issue a news bulletin, guides to sources of help in preparing and financing expeditions etc.

Enquiries should be made to Penny Watts-Russell B.A. (Lond.), U.K. Central Office, 13<sup>1</sup>/<sub>2</sub> Beauchamp Place, LONDON S.W.3. The annual subscription is £1.25 for full-time students and £1.75 for part-time students and non-students.

7. Bryophyte specimens for distribution As members will know, the B.B.S. exchange was formally terminated by decision of the Annual General Meeting at Beddgelert on 4 April 1970. Subsequently an appreciable number of specimens were received by Mr Wallace from members who had not realised that the exchange had indeed been concluded, and he now wishes to dispose of this material to members who would find the packets of named material useful. Recently Miss E.H. du Feu has written to say that she also has material which she would be pleased to pass on to interested beginners (duplicates of Channel Islands bryophytes checked by B.B.S. referees and specimens received by her through the B.B.S. exchange in earlier years). It seems that this is an appropriate time to suggest that members of the B.B.S. (and especially beginners) who wish to incorporate authentically named specimens into their own collections, should write to Mr Wallace or Miss du Feu asking to be sent some packets. At the same time, any member who already has packets made up for an earlier distribution but which were never submitted, may care to send them to Mr Wallace before Christmas, so that they can be incorporated in his final distribution. **IN NO CIRCUMSTANCES SHOULD ANY FRESH SPECIMENS BE COLLECTED FOR THIS FINAL DISTRIBUTION.**

Material or applications for Mr Wallace should be sent to him at 2 Strathearn Road, SUTTON, Surrey.

Requests for specimens from Miss E.H. du Feu should be addressed to her at 35 Chevalier Road, ST HELIER, Jersey, C.I., enclosing a Commonwealth Reply Coupon to cover the postage of 3p (English stamps are not valid in the Channel Islands).

8. Minutes of the Annual General Meeting held at 19.45 on Saturday 28 October 1972 in the Department of Botany, Imperial College, London SW7 2BB, by kind permission of Professor A.J. Rutter, Head of Department

Mr E.C. Wallace - President - in the Chair, and 35 members present

- (1). Apologies for absence were received from Dr Smith, Mr Sowter and Dr Foster. Greetings were extended to Dr Gradstein and Dr Willis who were able to attend the meeting.
- (2). The minutes of the last Annual General Meeting, held in Dulverton on 3.4.1971 (distributed at the meeting, and enclosed with the present news bulletin) were taken as read, and were approved and signed by the President.
- (3). Reports from Officers
  - a. The Secretary's report (printed in Journal of Bryology, vol.7 part 1, p.145) was approved.

Packed lunches will be required.

- b. The Treasurer's report (printed in News Bulletin 19, page 2 ) was approved. The Treasurer appealed for all members who had not yet paid their subscriptions for 1972 to do as soon as possible.
- c. Editors' report: It was agreed at the last A.G.M. to change the title of the Society's publication to Journal of Bryology and to introduce six-monthly publication as soon as possible. It has proved possible to begin two issues per annum this year as we have received a steady flow of excellent manuscripts. The corrected proofs of part 2 are now with the publishers and we hope this issue will appear before Christmas. Copies of the contents list of part 2 are available.

The two issues together amount to 242 pages compared with 174 in last year's single part and 220 the year before. So there has been a modest increase in the length of the annual issue.

Members will have noticed that we have made a few changes in the style and lay-out of the journal. The main changes are the following:

1. All papers start on a right-hand page and have a catch-line at the top of the first page giving the first and last page numbers of the paper. This facilitates the preparation of reprints.
2. We have adopted  $\mu\text{m}$  in place of  $\mu$ , in agreement with most other journals as part of the internationally agreed standardised abbreviations under the metric system.
3. We have put the vice-county records in small type like the Proceedings.
4. We have omitted the statement of accounts which has appeared instead in the Bulletin.

In July last year the publishers suggested that we should have two Associate Editors overseas to help gather papers from abroad. With the Council's approval we adopted this suggestion, and Dr Crum in the U.S.A. and Dr Grolle in E. Germany accepted our invitation. Both have in fact contributed papers to part 2.

Last February the publishers informed us that they would prefer the volume numbering in the Journal of Bryology to continue that of the Transactions. We had intended to revert to no. 1. We consulted a number of members and a majority agreed with the publishers.

- d. The Librarian's report had not been received at the time of the meeting.
- e. In introducing the Bibliographer's report, Dr Duckett thanked Dr Watson for having introduced him to the work involved. The screening of the international journals was satisfactory, but help is always appreciated in extracting from 'Iron Curtain' journals and other less well-known publications. It was proposed to introduce more categories into the divisions of the bibliography in order to make it more useful to more readers, though it would result in a somewhat subjective division at times. If members send in reprints of papers intended for the B.B.S. library, it is particularly requested that these should be sent first to the Bibliographer for his indexing (and he will send them on to the Librarian). This request applies especially to papers in journals of more limited circulation. The help of Mr Townsend at Kew was acknowledged, particularly with regard to papers from eastern Europe, and translations from Russian and Icelandic papers would be very welcome.
- f. The Recorder for Mosses reported that the entries printed in the Journal of Bryology were fewer than in recent years, mainly due to the virtual cessation of field recording in Ireland. Most of the records come from 8 vice-counties. Many records consist of newly distinguished species, extinctions, introductions etc., and

their proportion may be expected to remain fairly constant in future years.

- g. The Recorder for Hepatics reported that new records (excluding changes) stood at 164, 30 fewer than last year and only half the number for 1968/9. She attributed the decline again to the neglect of Ireland and the fact that the field meetings had been held in relatively well-worked areas. Mrs Paton thanked all contributors who had used the standard data cards and requested that wherever possible entries should be typed (or at least written in block capitals).

In discussing the Recorders' reports, Dr Greene asked whether it would be desirable to require grid references to be included on the packets. The Recorders felt that this would involve too much extra work, and it was generally agreed that wherever possible contributors should be encouraged to complete individual record cards (obtainable from the Mapping Secretary).

- h. Mapping Secretary's report: The number of record cards received during this period (1971-2) has dropped considerably and the change in the overall situation is not such as to warrant the publication of a new situation map next year. There are still considerable areas of England and Scotland from which there are no records at all and if any members would like to record from any of these (making a most valuable contribution to the mapping scheme in so doing) I would be only too pleased to indicate where such recording might most usefully be done.

It is hoped to publish about twelve distribution maps in 1973, all of mosses and including 8 species of Bryum.

- i. The Curator reported that 7 members had borrowed material from the Society's herbarium, but that there was a tendency for some members to hold on to their loans for too long. Loans were made according to the rules of the National Museum of Wales (overstamped with a red B.B.S. stamp). It was agreed that loans should be made to non-members of the Society if requested, but not for use in student practical classes. The Curator further reported that all the specimens were now uniformly housed in the boxes previously approved and bought for £27. 72 of the 100 boxes were now filled, thus leaving room for considerable expansion.

#### (4) Officers and Council for 1973

The present Officers of the Society remain in office until December 1973.

The office of Meetings Secretary was proposed, in order to give continuity to this very important aspect of the Society's activities which has been ably carried out so far by Dr Clarke. Dr Clarke was proposed for the post of Meetings Secretary by Mrs Paton and seconded by Mrs Appleyard and was approved unanimously.

Two vacancies on Council were created by the retiring of Mr Corley and Mr Hill. Nominations were received for Dr P.D.Coker (proposed by A.R.Perry and seconded by D.H.Dalby), and Dr S.W. Greene (proposed by Mrs J.A.Paton and seconded by A.C.Crundwell). Both nominations were approved unanimously.

(5). Future meetings of the Society

Easter 1973: Whalley Abbey had been approved as a suitable location at the previous A.G.M. Dr Duckett would act as Local Secretary and had prepared an outline programme. The dates would be 31 March - 6 April 1973. The charges made by Whalley Abbey would be approximately £3.25 per day + 10% service. If members felt that this was too expensive, Dr Duckett would probably be able to arrange alternative accommodation locally.

Summer 1973: The western Lake District was suggested and approved with Ravenglass as a possible centre. Dr Horrill would be approached with a view to helping with local arrangements. The dates would be 1 - 8 September 1973.

Autumn paper-reading meeting and A.G.M. 1973: It was approved that Professor Gemmell at Keele should be approached for this meeting, to be held over the weekend 19-21 October 1973. In the event of Professor Gemmell being unable to help, alternative locations might be (in order of preference) Lancaster and Exeter, and an alternative date would be the last weekend in September.

Easter 1974: A proposal by Mr Wanstall (seconded by Dr Duckett) that this meeting should be held abroad, was approved after some discussion. It was generally agreed that the Society's outlook on field meetings should not be too parochial, and the Meetings Secretary was asked to prepare a list of alternative locations for consideration. The alternative locations in Britain (Gregynnog in Montgomeryshire, and Ludlow) might be considered for field meetings in the future.

(6). Any other business

Mr Crundwell drew attention to the field meeting of the Nordic Bryological Society to be held in the Færø Islands in July 1973 and gave outline details of the arrangements.

Mrs Paton asked for anyone with knowledge of a slide cabinet to spare to let her know as she needed one for keeping her slide collection.

Dr Greene asked that if the A.G.M. is to be held with the paper-reading meeting, it should be held earlier in the day, for instance at 16.30. Dr Clarke pointed out the need to avoid any curtailing of the lecture programme and preferred a later time for the A.G.M. say 17.30 or 18.00 or later.

Dr Greene expressed his wish to resign as referee for Plagiothecium. Mrs Appleyard agreed to replace him.

The Society's thanks were expressed to Professor Rutter, Dr Dalby and Dr Clarke for their help in the arrangements for the paper-reading meeting and Annual General Meeting at Imperial College.

The meeting terminated at 21.10 hrs.

Addendum to (3)c (Editors' report): The Editors reported that the Library now takes Lindbergia in exchange for the Journal of Bryology. Dr Greene pointed out the desirability of taking The Bryologist in a similar exchange with the Journal of Bryology.

D.H. Dalby  
Hon. Secretary B.B.S.  
November 22nd 1972

## 9. B.B.S. Referees

Certain changes have been made in the list of referees since the list printed in the B.B.S. Transactions vol.5 part 4, 1969. The following list takes these changes into account.

When making use of the referees' services, please remember to enclose a stamped addressed envelope for return of the material.

Numbers in the following lists refer to the genera in the current editions of the Census Catalogues.

### HEPATIC REFEREES

- |                                     |   |
|-------------------------------------|---|
| 1-9, 14-19, 21-30, 66, 67, 76-82 .. | Dr J.G.Duckett, School of Plant Biology, University College of North Wales, BANGOR, Caerns        |
| 10, 11, 20, 31-33, 45-47, 71-74 ... | Mrs J.A.Paton, 31 Dobbs Lane, TRURO, Cornwall   |
| 12, 13, 48-51, 54-65 .....          | E.R.B.Little, Kingston-upon-Hull College of Education, Cottingham Road, KINGSTON-UPON-HULL, Yorks |
| 34-44, 75 .....                     | Mrs J.W.Fitzgerald, Idylwild, St George's Road, HEXHAM, Northumb-<br>erland                       |
| 52, 53, 68-70 .....                 | A.R.Perry, Department of Botany, National Muscum of Wales, CARD-<br>IFF, CFI 3NP                  |

### MOSS REFEREES

- |                                     |   |
|-------------------------------------|---|
| 1 .....                             | Dr H.J.B.Birks, Botany School, Downing Street, CAMBRIDGE CB2 3EA; Miss E.M.Lobley, 17 Southlands, HEXHAM, Northumberland  |
| 2-7 .....                           | M.O.Hill, 71 Caellepa, BANGOR, Caerns   |
| 8,9 .....                           | Dr A.J.E.Smith, School of Plant Biology, University College of North Wales, BANGOR, Caerns; A.H.Norkett, British Muscum (Nat. Hist.), Cromwell Rd, LONDON S.W.7 |
| 10-33 .....                         | M.F.V.Corley, Pucketty Farm, FARINGDON, Berks   |
| 34, 57-69, 80-89, 91-97, 100-124 .. | E.C.Wallace, 2 Strathearn Road, SUTTON, Surrey  |
| 35-51, 53 .....                     | (vacant)  |
| 52 .....                            | A.C.Crundwell, Dept of Botany, The University, GLASGOW W.2  |
| 54-56 .....                         | Dr A.J.E.Smith, School of Plant Biology, University College of North Wales, BANGOR, Caerns  |
| 70-78, 90 .....                     | Dr E.V.Watson, Department of Botany, The University, READING, Berks   |

Cont. over

## (List of moss referees cont.)

- 79 ..... Dr M.C.F. Proctor, Department of Botany, The University, Prince of Wales Road, EXETER, Devon
- 98, 99, 125-130, 132-161 ..... Mrs J. Appleyard, Sunnyside, West Horrington, WELLS, Somerset
- 131 ..... Dr E. Lodge, Department of Botany, Royal Holloway College, Englefield Green, EGHAM, Surrey

10. Request for material

Our member Mr J. Gorham, asks if any member of the B.B.S. could supply small samples of living thallose hepatics to start cultures of living plants for biochemical and physiological studies on the role of lunularic acid and lunularin in these plants.

Foreign species with habitat or culture details would be particularly welcome. Postage would be refunded on request.

Please write or send material to: Mr J. Gorham, Middle Common Room, Wye College, Wye, ASHFORD, Kent

11. Bryophyte Flora of Kirkaldy

In Bulletin 19 (p.5), information was given about the recent bryophyte flora of Kirkaldy, written by Mrs H.L. Caldwell, and published by the Kirkaldy Naturalists' Society for 20p plus 5p postage. Members wishing to purchase this work should write to Helen L. Caldwell, B.Sc. Ph.D., 67 Milton Road, KIRKALDY, Fife.

12. New members of the British Bryological Society

Due to an error in the assembling of Bulletin 19 (which occurred while the Secretary was abroad during the summer), members attending the October meeting had to detach part of the new members' list when returning the application form as requested. The names in the affected section are given below, followed by subsequent new members.

Dr R.I. Lewis Smith, British Antarctic Survey, Botanical Section  
Research Gardens Winterbourne, University of Birmingham, P.O. Box 363, BIRMINGHAM B15 2TT

R. Magill, Dept of Biology, Texas A. & M. University, College Station, TEXAS 77843 U.S.A.

Miss C.M. Michael, 8 Marlborough Avenue, GLASGOW G14 7BW

C. Nicholls, 6 The Meadway, Tettenhall, WOLVERHAMPTON, Staffs

J.K. Ramage, 3 Windsor Road, GRAVESEND, Kent

H.J. Scarlett, 87 Grenville Avenue, WENDOVER, Bucks

J.A. Snider, Dept of Botany, Duke University, DURHAM, North Carolina, 27706 U.S.A.

A.C.G. Tingley, 23 Knapmill Way, Bellingham, LONDON SE6 3TD

P.G. Waterman, B.Pharm., Division of Pharmacognosy, Dept of Pharmaceutical Chemistry, University of Strathclyde, GLASGOW C.1

C. Yardley B.Sc., Crown Woods School, Riefeld Road, LONDON SE9 2QN



- T.P. ATKINSON, B.Sc., Dept of Geography, University of Birmingham, P.O.Box 363, BIRMINGHAM B15 2TT
- B.G. BELL, B.Sc., British Antarctic Survey, Botanical Section, Research Gardens Winterbourne, University of Birmingham, P.O.Box 363, BIRMINGHAM B15 2TT
- E.W. BENTLEY, B.Sc., Ph.D., F.I.Biol., 49 Speer Road, THAMES DITTON, Surrey
- G.H. HARDY, 11 Windsor Avenue, South Gosforth, NEWCASTLE-UPON-TYNE, North-umbria NE3 1PS
- E.B. LAURITZEN, Cand. real., Botanisk Hage, Universitet i Oslo, OSLO 5, Norway
- F.D. MILLER, 23 Julian Road, Glen Parva, Leics LE2 9RH
- J. POELT, Prof. Dr, A-8010 GRAZ, Holteigasse 6, Austria
- E. WILLIAMS, 60 Avondale Road, Killiney, Co. Dublin, Eire

It is with great regret that we announce the death of Mr F.A. Sowter, an Honorary Member of the British Bryological Society, who joined in 1929.

### 13. B.B.S. Distribution Maps Scheme

Although this scheme has been in operation for 12 years, there are still parts of Britain from which there are very few records. These include parts of S.W. England, East Anglia, North Midlands, southern, central and N.E. Scotland. Any lists of records, however short, particularly from these areas would be of use to the mapping scheme. If any member is interested in recording in an underworked area the Mapping Secretary will be pleased to provide more detailed information. Mapping cards (15p for 10), reprints of published distribution maps and information on the scheme are available from the Mapping Secretary.

It has been proposed that occasional weekend meetings for the purposes of recording should be held in underworked areas. Would any members who are interested in participating in such weekends or would be prepared to organise any, please let the Mapping Secretary know.

Dr A.J.E. Smith, School of Plant Biology, University College of North Wales, BANGOR, Caerns.

### 14. Request for material

Dr A.J.E. Smith, School of Plant Biology, University College of North Wales, BANGOR, Caerns, is revising the British and Irish distribution of Bryum pallescens and B. creberrimum, two species which have been confused and would be grateful for the loan of any material collected in Britain or Ireland.

### 15. Proposed meeting for Bryology teachers

It has been suggested (following the 1972 A.G.M. at Imperial College) that it might be advantageous if a meeting could be arranged for members and non-members of the B.B.S. who use Bryophytes in their teaching, or who organise Bryophyte field courses. The main purpose would be to assess the place of Bryophytes in Biology teaching at the present time and perhaps to pool some of the diverse knowledge possessed by these teachers. If any one is interested in such a meeting, would they please write to the Secretary at the address given below.

D.H. Dalby, Hon. Secretary B.B.S.  
Department of Botany, Imperial  
College, Prince Consort Road,  
LONDON SW7 2BB

29 November 1972