

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

BULLETIN 19. November 1966

Nominations for Officers and Council

Nominations for Officers for 1967 and Vice-President and Council Members for 1968 - 69 should be sent to the Secretary on the enclosed form. Dr. K.L. Alvin, Mr D. Jackson Hill and Miss N. Wallace retire from the Council and are not eligible for re-election.

Annual General, Lecture and Exhibition Meeting. 7 January 1967

The Annual General Meeting will be held at 11.00 hrs. on Saturday 7 January 1967 on the second floor of the Department of Chemistry and Biology, The Polytechnic, 309 Regent Street, London W.1, by kind courtesy of Mr. C. W. Hyde, Head of the Department. It is hoped that all members will endeavour to attend, especially in view of the important decisions to be taken.

AGENDA

1. Apologies for absence.
2. Minutes of the last Annual General Meeting.
3. Matters arising.
4. Reports of the Secretary, Treasurer, and other officers.
5. Motion by Council: that in Rule 3 line 15 the sentence "With the approval of the Council, societies and institutions may become members on the same terms as ordinary members with the right to send one representative (who shall be entitled to vote) to any meeting of the Society" shall be deleted.
6. Motion by Council: that in Rule 7 line 2 the words "dating from the following first of January" shall be deleted.
7. Motion by Council: that in Rule 7 line 4 the words "who will normally succeed the president in office" shall be deleted.
8. Motion by Council: that in Rule 7 line 6 the words "dating from the following first of January" shall be deleted.
9. Motion by Council: that in Rule 8 line 3 the words "dating from the following first of January" shall be deleted.
10. Election of Officers.
11. Election of Auditor.
12. Election of three members of Council in place of those retiring in rotation (If the motion under item 9 is carried, this item is automatically postponed until the next Annual General Meeting).
13. Motion by Council: that the ordinary subscription shall be increased to £2 from 1 January 1968.
14. Motion by Council: that the junior subscription shall be increased to £1 from 1 January 1968.
15. Place and dates of Autumn Meeting, 1967.
16. Place and dates of Annual General, Spring and Summer Meetings, 1968.
17. Any other business.

J. R. Laundon
Honorary Secretary.

The Lecture and Exhibition Meeting will be held in the afternoon in the same building. Members are asked to make a special effort to contribute exhibits of specimens or other material relevant to lichenology. It is hoped that some members will give short talks or show slides following the main lectures, and those willing to do so are kindly requested to inform the Secretary before the meeting. The main lectures are as follows:-

14. 00. K. A. KERSHAW, Ph.D. Ecology of lichens in Nigeria.

(15. 00. Interval for tea)

15. 30. D. C. SMITH, M.A., D.Phil. The physiology of the lichen symbiosis:

16. 30. Short communications.

Field Meetings 1967

See end of Bulletin.

Referees

There has been considerable variation in the numbers of specimens sent to referees for identification. Some receive no material in a whole year, whilst the two referees at the British Museum (Natural History) are overwhelmed. It is requested that members ensure, as far as is possible, that material sent is properly proportioned out, so that referees are neither starved nor overfed.

The following additions to the list of specialist referees should be noted:

- D. Jackson Hill, B.Sc., Department of Agriculture, The University, Parks Road, Oxford. (All groups, especially Xanthoria).
- G. Morgan-Jones, M.Sc., Ph.D., Commonwealth Mycological Institute, Ferry Lane, Kew, Richmond, Surrey. (All groups).

Mr. A. E. Wade is now back at Cardiff after visiting New Zealand and is ready to start refereeing material again.

The following change of address of a beginners referee should be noted:

Miss N. Wallace, 10 Victoria Road, Worthing, Sussex.

List of Lichens being mapped under the Individual Maps Scheme

Alectoria	D. L. H.
Caloplaca	A. E. W.
Cetraria	M. R. D. S.
Cornicularia	M. R. D. S.
Evernia prunastri	D. M. H.
Haematomma elatinum	J. R. L.
Lecanora conizaeoides	J. R. L.
Lecidea (excl. the two below)	P. W. J.
L. cinnabarina	J. R. L.
L. pulveracea	J. R. L.
Lepraria chlorina	J. R. L.
L. neglecta	J. R. L.
L. xantholyta	J. R. L.
Lobaria pulmonaria	F. H. B.
Parmelia furfuracea	D. L. H.
Parmeliopsis	U. K. D.
Peltigera	R. H. B.
Pertusaria flavicans	J. R. L.
Physcia	A. E. W.
Ramalina	A. E. W.
Rinodina	J. W. S.
Roccella	M. C. F. P.
Solorina	O. L. G.
Sticta	M. C. F. P.
Teloschistes	M. C. F. P.
Thamnomia vermicularis	D. A. W.
Umbilicaria pustulata	I. J.
Xanthoria	D. H. S. R.

Nomenclature according to James, P. W. 1965, A new check-list of British lichens. Lichenologist 3: 95 - 153.

Mappers:

- A. E. W. - A. E. Wade, 71 Marlborough Road, Cardiff.
- D. A. W. - D. A. Wilkinshaw, Woodstock, Chryston, Glasgow.
- D. H. S. R. - D. H. S. Richardson, Department of Agriculture, The University, Parks Road, Oxford.

- D. L. H. - D. L. Hawksworth, 3 Hawkins Drive, Ridgeway, Ambergate, Derbyshire.
D. M.-H. - D. Morgan-Huws, Department of Biology, College of Technology,
Hay Street, Portsmouth, Hampshire.
F. H. B. - F. H. Brightman, 2 Red Oak Close, Orpington, Kent.
I. J. - I. Jones, Minafon, Waunfawr, Caernarvon.
J. R. L. - J. R. Laundon, Department of Botany, British Museum (Natural History),
Cromwell Road, London S. W. 7.
J. W. S. - J. W. Sheard, Department of Botany, Magee University College, Londonderry.
M. C. F. P. - M. C. F. Proctor, Hatherly Biological Laboratories, The University,
Prince of Wales Road, Exeter, Devon.
M. R. D. S. - M. R. D. Seaward, Biology Department, The Training College,
Ashby Road, Loughborough, Leicestershire.
O. L. G. - O. L. Gilbert, Department of Botany, The University, Newcastle upon Tyne.
P. W. J. - P. W. James, Department of Botany, British Museum (Natural History),
Cromwell Road, London S.W. 7.
R. H. B. - R. H. Bailey, College of Art, Pittville, Cheltenham, Gloucestershire.
U. K. D. - Miss U. K. Duncan, Parkhill, Arbroath, Angus.

In the case of critical material (e.g. some species of Lecidea) the record should be accompanied by a specimen, but in the case of non-critical groups no specimens are necessary. Further details of both this and the general mapping scheme may be obtained from the Mapping Recorder, Mr. M. R. D. Seaward (address above).

Dr M. Bouly de Lesdain

The death is reported of the French lichenologist Dr Maurice Bouly de Lesdain. He was born at Dunkerque on 20 September 1869 and died at Lille on 3 January 1965. His house and its contents were destroyed by fire in 1940 during the bombardment of Dunkerque. The fire also destroyed his herbarium, which contained numerous types of sterile sorediate crustaceous lichens: a tragic loss to science. He published 125 papers, 97 of them on lichens. A detailed obituary, and list of his lichen and bryophyte publications, is published by Dr H. des Abbayes in Rev. Bryol. Lichén., nouv. sér., 34: 370 - 375 (1966). His post-1941 herbarium was bequeathed to Dr G. Clauzade, St. Joseph, 84 Apt, France.

Mr Lindsay Fleming

It is with regret that we report the death of Mr Lindsay Fleming, Aldwick Grange, Bognor Regis, Sussex. Mr. Fleming died on 9 February, 1966 after completing the important manuscript of the biography and letters of the lichenologist William Borrer, but unfortunately did not live long enough to see his two volume work through the press.

Dahl's Keys

The cyclostyled "Analytical Keys to British Macrolichens" by E. Dahl (1952) has been taken over by the British Lichen Society from the Botany School, University of Cambridge. By mutual agreement the Society will be responsible for ensuring its continued distribution whilst demand exists. The Keys are now out of print, and it was hoped that Dr Dahl would fully revise them. Unfortunately other commitments have prevented this, but it is expected that a new edition, with some revision, will be available for members early next year. The price is expected to be 3/6 per copy. A notice will appear in the Bulletin as soon as the Keys are once more available.

Transparency Collection

The Society is to build up a collection of photographic transparencies of lichens, including microphotographs and pictures of communities, which will eventually be available for loan to members. Donations of transparencies are kindly requested, of good quality, fully labelled, identified and generally including some form of scale in the picture itself. Unidentified transparencies should be accompanied by the specimen photographed. Transparencies should be sent to Mr D. H. S. Richardson, Department of Agriculture, The University, Parks Road, Oxford, who is kindly looking after the collection on behalf of the Society.

Lichenologist brochure

The Society's Prospectus was printed in 1964 from a design by P. W. James, J. R. Laundon and T. D. V. Swinscow. On the front is a drawing of a perithecium of Staurothele rupifraga, beneath a caption in Headline type. This year a brochure extolling The Lichenologist has been printed, designed by K. L. Alvin, P. W. James and J. R. Laundon. The front cover displays the asci of Arthothelium ilicinum, beneath a heading in Univers. The use of human sex in advertising is of course well-established, but perhaps this use of lichen sex as a means of promotion is something of a new departure.

Copies of the Prospectus or Lichenologist brochure may be obtained from the Secretary for display purposes or for giving to friends or colleagues; please state number of copies of each required.

Bequests

It is always a pleasure to hear of public-spirited people remembering Societies etc. in their Wills, so that their own interests might be carried on by others with the same dedication. Members might be interested to remember the British Lichen Society when drawing up their Wills.

Soil-binder for lichen specimens

Crustaceous lichens growing on loose soil frequently crumble after collecting, unless steps are taken to bind the soil by means of an emulsion. An effective substance for this purpose is Primal AC - 55, which may be obtained free of charge by writing to Lennig Chemicals Ltd., 26 Bedford Row, London. W.C.1, and asking for a small bottle of binding soil on lichen specimens.

The Primal is diluted with one-quarter to one-third water in a watchglass, and painted on to the soil on the sides and under surface of the material by means of a camel-hair brush. Care should be taken to ensure that the emulsion does not come into contact with the lichen itself. The brush should be stood in water, and washed thoroughly immediately after use to prevent it being spoiled. The specimen should be placed soil-side up and left overnight to dry. The loose soil will then take on a rock-like appearance. A full account of this process is given by A. E. Wade in Lichenologist 1: 87 - 88 (1959).

Mull Flora

The British Museum (Natural History) is actively engaged in collecting data for a Flora of the Island of Mull, including Iona, Ulva, Gometra and the Treshnish Isles, Argyllshire. The survey aims to include all groups of plants and Mr P. W. James, Department of Botany, British Museum (Natural History), Cromwell Road, London S.W.7 would welcome any records of lichens, preferably accompanied by a specimen, from the area. Material of interest will be incorporated in the National Collections, and all assistance will be gratefully acknowledged in the final publication.

Institute of Biology Conference

With the support of the Biology Group of ASLIB and the Biological Council, the Institute of Biology is arranging a conference in London on "Communication in the Biological Sciences" on 14 - 15 December 1966. The aim is to enable librarians, editors and research biologists to discuss the problems of information exchange and to express views which can help those responsible for the provision of various services. The needs of the different biological disciplines differ and it is hoped that the Conference will be attended by biologists of all the main specialisations, so that any recommendations made will have the widest possible support. A programme is obtainable from the Institute of Biology, 41 Queen's Gate, London S.W.7.

Literature on lichens

This item appears towards the end of each number of the Bulletin. It aims to list all papers dealing with British lichens, excluding those published in The Lichenologist. A selection of foreign papers, in which the contents are considered to be of interest to members, are also included. The opinions expressed are entirely those of the Editor of the Bulletin (at present the Secretary), and do not represent the views of the Society as a whole. The Secretary would be grateful for information about any papers accidentally omitted so that they can be included in the next Bulletin. Complete lists of all lichen papers appear in The Bryologist.

BAILEY, R. H. 1966. Studies on the dispersal of lichen soredia. J. Linn. Soc., Bot. 59: 479 - 490. (Account of detailed experiments, using water and wind as liberating agents, on the dispersal of soredia from several lichens, especially Lecanora conizaeoides, and thallus fragments from Cladonia impexa).

BRIGHTMAN, F. H. & NICHOLSON, B.E. 1966. The Oxford Book of Flowerless Plants. London, £2. 5. 0. (A full book review of this work will appear in the next Bulletin).

COKER, P. D. 1966. The destruction of bryophytes by lichens, fungi, myxomycetes and algae. Trans. Br. Bryol. Soc. 5: 142 - 143.

DEGELIUS, G. 1966. Notes on the lichen flora of the Faroe Islands. Acta Horti Gothoburg. 28: 1 - 13. (Interesting general account of the lichen flora, followed by a list of 62 macrolichens notes in 1956).

HALE, M.E. & CULBERSON, W. L. 1966. A third checklist of the lichens of the continental United States and Canada. Bryologist 69: 141 - 182. (List of 2558 species, followed by several pages of synonymy).

KUROKAWA, S., JINZENJI, Y., SHIBATA, S. & CHIANG, H. 1966. Chemistry of Japanese Peltigera with some taxonomic notes. Bull. National Science Mus., Tokyo 9: 101 - 114. (Chemistry and key to the species).

Spring Meeting at Wells. 1967

The Spring Field Meeting will be held at Wells, Somerset, from Wednesday evening 22 March 1967 to Wednesday morning 29 March 1967. It is intended to explore the limestone Mendip Hills and adjacent areas. Miss N. Wallace is leader and persons attending should return the enclosed form to her and book their own accommodation stating that they will require packed lunches each day. The Ancient Gate House will be the Headquarters accommodation and members should meet outside this hotel at 9.30 on Thursday 23 March. For persons using public transport, Wells is best reached by bus from Bristol or Bath. Buses depart from Bristol Bus Station to Wells on weekdays at 8. 05. and then every hour until 21. 05., with the final departure at 22. 30., fares being 3/6 single, 6/6 return. The service from Bath Bus Station is also approx. hourly on weekdays. A laboratory of The Blue School will be available in the evenings for scientific study and clerical work.

Accommodation at Wells is as follows:

Hotels:

- booked 2 bed room
before 5/2/67*
- ANCIENT GATE HOUSE (Wells 2029). £13. 13. 0. per week for dinner, bed & breakfast; service 10%.
 - CROWN HOTEL. £2. 5. 0. bed & breakfast, lunch 15/6, dinner 17/6.
 - RED LION HOTEL (Wells 2616). £1. 15. 0. bed & breakfast; other meals à la carte.
 - STAR HOTEL (Wells 3055). 21 rooms. £17. 17. 0. per week for dinner, bed & breakfast, but increased rates for Easter.
 - SWAN HOTEL (Wells 2021). £2. 5. 0. bed & breakfast; dinner 17/6; luncheon 14/6; service 10%.

WHITE HART HOTEL, Sadlers Road (Wells 2056). 10 rooms.
£1. 10. 0. bed & breakfast; service 10%.

Guest Houses:

Mrs D. H. Light, 19 Glastonbury Road (Wells 2335).

Mrs. M. Seal, 1 Princes Road (Wells 2273).

Summer Meeting in Scandinavia, 1967

It is regretted that some final details of the Summer Meeting are still outstanding at the time of going to Press and members who are attending this meeting should write to Mrs. Kolbjörnsrud, Botanical Institute, Agricultural College of Norway, Vollebekk, Norway, for these, should they still be unavailable to add to the "Stop Press" at the foot of the enclosed Summer Meeting Form. Still outstanding are the precise dates of the meeting, the place where members will meet in Bergen, and the place from where members will return to England.

The Summer Field Meeting will be held in Scandinavia, under the leadership of Dr. E. Dahl, from about 1 - 16 August 1967. The first three days will be spent in the oceanic west near Bergen (Norway), probably staying at a school. A days travelling will be followed by a stay of three days at a hotel in Böverdalen in Jotunheimen (Norway), to explore the alpine lichen vegetation. Another days travelling will terminate in the Härjedalen area in Southern Jämtland (Sweden) to explore the forests for three days. After another days travel the excursion will terminate with three days on the Swedish west coast. Members are requested to make their own travelling arrangements to Bergen and back from the place of departure, but accommodation and travel within Scandinavia can be arranged by Mrs. Kolbjörnsrud (address above), to whom the enclosed form should be returned and any enquiries addressed. It is expected that the whole excursion can be managed on the limit of £50 travel allowance for British residents, provided fares to and from Scandinavia are booked in the United Kingdom. Should the possibility of the financial limit appear likely to be exceeded the excursion will be modified. Members may arrange with Mrs. Kolbjörnsrud to attend only part of the meeting if they so desire. In 1966 the single air fare to Bergen was £25 from London, and the single sea fare £8. 10. 0 for a shared cabin (£12. 10. 0 for 2 berth cabin per person), excluding meals, from Newcastle. Early booking is advised. In order to attend the enclosed slip must be returned to Mrs. Kolbjörnsrud by 31 December 1966.