

BRITISH BRYOLOGICAL SOCIETY

PRESIDENT: A. C. CRUNDWELL, Esq., B.A.

BULLETIN

No. 23. January, 1974

1. CHANGES OF ADDRESS AND NEW MEMBERSHIP LIST

All changes of address should be reported immediately to the Secretary in order to avoid delays and extra postal expenses. A new membership list is being compiled, and members are urged to make sure that the address shown on the envelope containing this Bulletin is correct. Any alterations or additions (including postal codes) should be sent to the Secretary as soon as possible.

2. ANNUAL SUBSCRIPTIONS

It is a pleasure to report that in spite of continually rising printing costs the subscription rates (except for Institutional Members) are unaltered for 1974. They are as follows:

Ordinary Membership.....	£3.50
Junior Membership (for those under 21, or if full-time students under 25), and Family Membership.....	£1.00
Institutional Membership.....	£6.00

Members who have not yet paid their subscription for 1973 and wish to continue their membership of the Society, should do so immediately. Subscriptions for 1974 became due on January 1, 1974. These, and any subscription arrears, should be sent to the Treasurer, Mr R. D. Fitzgerald, Idylwild, St Georges Road, Hexham, Northumberland, NE46 2HG. Cheques and postal orders should be made payable to the British Bryological Society and crossed. Banker's orders are available from the Treasurer and Secretary.

Resignations. Any member who feels unable to continue in membership should inform the Secretary.

Junior membership. Junior members are requested to inform the Treasurer as soon as they become ineligible for Junior membership.

3. FUTURE MEETINGS OF THE SOCIETY

(a) Easter Field Meeting, 1974: Draguignan, Var, southern France, April 3 - 10, 1974.

Local Secretary: Mr P. J. Wanstall, Department of Plant Biology, Queen Mary College, Mile End Road, London, E1 4NS.

Draguignan is the capital of Provence and lies in the southern foothills of the Alps. There is a wide range of scenery and vegetation within reach, and during the meeting we hope to see a considerable selection of bryophytes in habitats unfamiliar to British bryologists. Please contact the Local Secretary for details of the trip as soon as possible if you have not already done so.

(b) Easter Council Meeting, 1974: There will be a meeting of Council on Friday April 26, 1974 in the Council Room of the Linnean Society, Burlington House, Piccadilly, London. The meeting will start at 1800 hrs.

(c) Summer Field Meeting, 1974: Caithness and Orkney, Scotland, August 24 - September 7, 1974.

This meeting will be in two parts: a week based on Thurso to explore some of the dunes, marshes and river gorges in Caithness, followed by a week in Orkney based on Kirkwall from which we hope to visit such places as Hoy, Burray and Rousay. If you would like to go please MAKE YOUR BOOKINGS NOW for the hotels and ferries, as Orkney is becoming very popular as a holiday area.

Thurso, August 24 - 31, 1974. Local Secretary: Mr K. Butler, 33 Pennyland Drive, Thurso, Caithness.

Headquarters Hotel: Royal Hotel, Thurso. B. & B. from £2.50, or £26.00 per week*.

Other accommodation: St Clair Hotel, Sinclair Street, Thurso. B. & B. from £2.50 or from £21.00 per week*.

Pentland Hotel, Princes Street, Thurso. Prices on application.

Holborn Hotel, Thurso. B. & B. from £1.85*.

(* = 1973 prices)

Thurso also has some two dozen B. & B. premises and a Municipal camping ground. Details of these can be had by sending a S.A.E. to: The Caithness Tourist Office, Wick, Caithness. This Office can also supply details of travel facilities.

Kirkwall, Orkney, August 31 - September 7, 1974. Local Secretary: Mrs A. Thomson, Craigiefield, St Ola, Orkney, KW15 1TB.

Headquarters Hotel: Standing Stones Hotel, Stenness, Kirkwall, Orkney.

Full board is about £30.00 per week. The Proprietor, Mr Nixon, is willing to make the arrangements for those who want to stay at less expensive B. & B. accommodation and have their evening meals

at the Standing Stones Hotel where dining facilities are available for non-residents.

Other accommodation: Royal Hotel, Victoria Street, Kirkwall, Orkney.
B. & B. from £2.50.

Queens Hotel, Kirkwall, Orkney. B. & B. from £2.30.

A leaflet listing the many B. & B. premises, self-catering accommodation, and caravan sites, can be had by sending a S.A.E. to: The Orkney Tourist Organization, Mounthoolie Lane, Kirkwall, Orkney, KW15 1LA. This Organization can also supply information about travel to Orkney by sea from Scrabster (Thurso) and by air.

There is a car ferry to Orkney operating at the moment, and another is due to come into service next May. Advance bookings on ferries, particularly for cars, are essential, and can be made through: North of Scotland, Orkney & Shetland Shipping Co. Ltd., New Pier, Stromness, Orkney. It is possible to hire cars on Orkney from: J. D. Peace or D. G. Spence, Jr., both at The Garage, Junction Road, Kirkwall, Orkney.

Members wishing to attend one or both weeks should inform the Local Secretaries what car seats they will have available for use by other members so that hired cars can be booked if necessary.

(d) A.G.M. and Paper Reading Meeting, 1974: Exeter, October 19 - 20, 1974.
Local Secretary: Dr M. C. F. Proctor, Department of Biological Sciences, Hatherly Laboratories, University of Exeter, Prince of Wales Road, Exeter, Devon, EX4 4PS.

(e) Easter Field Meeting, 1975: Montgomeryshire, April 2 - 8, 1975.
Local Secretary: Mr M. O. Hill, The Nature Conservancy, Penrhos Road, Bangor, Caerns., Wales.

4. BRYOPHYTE COURSES, 1974

April 10 - 17. The Leonard Wills Field Centre, Nettlecombe Court, Williton, Taunton, Somerset, TA4 4HT. Mosses and Liverworts, Malcolm McFarlane.

July 24 - 31. Orielton Field Centre, Pembroke, Pembrokeshire. The Identification of Lower Plants, A. R. Perry.

August 21 - 28. Malham Tarn Field Centre, Settle, Yorkshire, BD24 9PU. Mosses and Liverworts, M. C. F. Proctor.

September 4 - 11. Preston Montford Field Centre, Montford Bridge, Shrewsbury, SY4 1DX. Mosses and Liverworts, J. G. Duckett.

Further information about these courses may be obtained from the field centres.

5. KINDROGAN FIELD CENTRE

Our member, Brian S. Brookes, who is Warden at Kindrogan, welcomes individuals and small groups at any time, either as participants in advertised courses or independently. Kindrogan, which is 9 miles south-east of Pitlochry, affords excellent opportunities for all aspects of field studies in the Scottish Highlands. Close to the field centre are several mountains over 3,000 ft., coniferous and deciduous woodlands, the river Ardlie and numerous lochs, and dry and wet moorland. The programme of courses for 1974 is now available and may be obtained with further information on facilities from Mr Brookes, Kindrogan Field Centre, Enochdu, Blairgowrie, Perthshire, PH10 7PG.

6. WARBURG MEMORIAL FUND

The Botanical Society of the British Isles and the British Bryological Society are prepared to make an award under the terms of the Warburg Memorial Fund in 1974. The award, of approximately £50.00, is in the form of a travel grant for a botanist under the age of 21. Preference will be given to candidates who intend to undertake a project involving field work in the British Isles or elsewhere. For further information please write to the Secretary before May 31, 1974.

7. BIOLOGICAL RECORDING GROUP FOR WALES: RECORDING TECHNIQUES COURSE

The above group, with the kind co-operation of the Field Studies Council, is organizing two biological recording techniques courses at the Drapers' Field Centre, Rhyd-y-Creiau, North Wales, during the period May 22 - 29, 1974.

The full course, lasting throughout the whole period, will provide a multi-disciplinary approach to methods used in recording a wide range of animal and plant groups. The course is open to professional biologists wishing to widen their experience, and to amateur naturalists wishing to gain sufficient grounding in techniques to enable them to assist in recording programmes. There is also a short course, during the Spring Holiday weekend (May 24 - 27), to provide a crash course for beginners looking for an outline knowledge from which to take up biological recording.

Because the Group wishes to stimulate biological recording among the residents of Wales, preference will be given to these until March 1, 1974. Thereafter, vacant places can be filled by any applicants.

Cost, including full board, accommodation and tuition, is £22.00 for the full course and £11.10 for the weekend course. Further details can be obtained from the Keeper of Zoology, National Museum of Wales, Cardiff, CF1 3NP.

8. JOSEPH HENRY GARFIELD PETERKEN (24.3.1893 - 13.9.1973)

It is with regret that we have to announce the death of Mr J. H. G. Peterken who had been a member of the B.B.S. since 1939. He became Treasurer of the Society in 1946, a position he held for 20 years, and was President from 1968-69. We record our gratitude to Mr Peterken for all he did for the Society. Under his Will the B.B.S. is bequeathed his herbarium of mosses and liverworts, and related 35 mm transparencies.

9. DUPLICATES OF JERSEY BRYOPHYTES

Our member, Miss E. H. du Feu, still has available for distribution to interested beginners duplicates of Jersey bryophytes (checked by B.B.S. referees), and also specimens received through the B.B.S. annual exchange in earlier years. Requests for specimens, accompanied by a Commonwealth Reply Coupon to cover the postage of 3p (as British stamps are not valid in the Channel Isles), should be sent to Miss E. H. du Feu, 35 Chevalier Road, St Helier, Jersey, C.I.

10. DISTRIBUTION MAPS SCHEME

Although there are at least some records from 68% of the British 10 km squares, there is still a great need for further recording. The following counties or areas are particularly poorly worked: Cheshire, Gloucester, Huntingdon, Northampton, Nottingham, Shropshire, S. Lancashire, Stafford, Wiltshire, Worcester, Brecon, Cardigan, Pembroke, Aberdeen, Banff, Caithness, E. Inverness, E. Sutherland, Hebrides, Moray, S.W. Scotland. Only about one-third of the Irish squares has been worked. A situation map will be published in July 1974.

Further information and field record cards (15p for 10 incl. postage) are available from the Mapping Secretary, Dr A. J. E. Smith, School of Plant Biology, University College of North Wales, Bangor, Caerns., LL57 2UW. Payment should be enclosed with the order. Completed cards, returned to Dr Smith, will be replaced free of charge.

Reprints of Distribution Maps. A limited number of sets of distribution maps published in the Transactions of the British Bryological Society and in the Journal of Bryology is still available. Each set consists of 159 maps and costs £3.40 post free from Dr Smith. Standing orders for maps as they are published may be made.

11. PROVISIONAL BRYOPHYTE ATLAS

The Biological Records Centre has kindly offered to publish a provisional distribution atlas of about 100 of the more frequent species of British bryophytes.

Sufficient data have now accumulated to make this a feasible proposition, and it has been decided to take up the offer. Parts of the British Isles are as yet underworked so the maps will not be complete, but they will give a reasonable picture of the distribution of the species in Britain. It is not intended that these should be the final maps: it is hoped that a complete atlas of British bryophytes will eventually be published.

Species chosen for the provisional atlas have been

- (1) those with a mainly southern distribution (viz. from that part of Britain that is best worked),
- (2) those with a marked western or northern distribution (for which records are readily available),
- (3) a few previously mapped species for which more records have accumulated,
- (4) a few that individual members have requested.

Records will be obtained from field record cards, herbaria, and, where appropriate, from the literature. A list of the species follows, and members with records of these are requested to send them to Dr A. J. E. Smith, School of Plant Biology, University College of North Wales, Bangor, Caerns., LL57 2UW.

<i>Acaulon muticum</i>	<i>Hedwigia ciliata</i>	<i>Trichostomum sinuosum</i>
<i>Aloina rigida</i>	<i>Hookeria lucens</i>	<i>Weissia crispa</i>
<i>Anomodon viticulosus</i>	<i>Hylocomium brevirostre</i>	<i>Weissia rutilans</i>
<i>Archidium alternifolium</i>	<i>Isópterygium seligeri</i>	<i>Zygodon conoideus</i>
<i>Aulacomnium androgynum</i>	<i>Leptobryum pyriforme</i>	
<i>Barbula hornsuschiana</i>	<i>Leptodontium flexifolium</i>	<i>Anastrepta orcadensis</i>
<i>Barbula reflexa</i>	<i>Neckera pumila</i>	<i>Anthoceros husnotii</i>
<i>Barbula vinealis</i>	<i>Orthodontium lineare</i>	<i>Anthoceros laevis</i>
<i>Brachythecium glareosum</i>	<i>Orthotrichum lyellii</i>	<i>Anthoceros punctatus</i>
<i>Bryum intermedium</i>	<i>Orthotrichum rivulare</i>	<i>Bazzania trilobata</i>
<i>Bryum pendulum</i>	<i>Orthotrichum striatum</i>	<i>Blepharostoma trichophylla</i>
<i>Camptothecium nitens</i>	<i>Philonotis calcarea</i>	<i>Calypogeia arguta</i>
<i>Cinclidotus fontinaloides</i>	<i>Physcomitrella patens</i>	<i>Cladopodiella fluitans</i>
<i>Cinclidotus mucronatus</i>	<i>Polytrichum nanum</i>	<i>Cladopodiella francisci</i>
<i>Cryphaea heteromalla</i>	<i>Pottia bryoides</i>	<i>Cololejeunea rossettiana</i>
<i>Cynodontium bruntonii</i>	<i>Pottia heimii</i>	<i>Diplophyllum obtusifolium</i>
<i>Dicranella cerviculata</i>	<i>Pottia lanceolata</i>	<i>Fossombronia foveolata</i>
<i>Dicranella rufescens</i>	<i>Pottia recta</i>	<i>Fossombronia pusilla</i>
<i>Dicranoweisia cirrata</i>	<i>Pseudephemerum nitidum</i>	<i>Fossombronia wondraczekii</i>
<i>Dicranum strictum</i>	<i>Pterogonium gracile</i>	<i>Frullania fragilifolia</i>
<i>Distichium capillaceum</i>	<i>Ptyrigoneurum ovatum</i>	<i>Frullania microphylla</i>
<i>Ditrichum flexicaule</i>	<i>Rhodobryum roseum</i>	<i>Harpalejeunea ovata</i>
<i>Encalypta streptocarpa</i>	<i>Rhynchostegiella teesdalei</i>	<i>Jubula hutchinsiae</i>
<i>Encalypta vulgaris</i>	<i>Scleropodium caespitosum</i>	<i>Lejeunea ulicina</i>
<i>Entodon concinnus</i>	<i>Seligeria calcarea</i>	<i>Lepidozia setacea</i>
<i>Eucladium verticillatum</i>	<i>Seligeria paucifolia</i>	<i>Lophocolea heterophylla</i>
<i>Eurhynchium megapolitanum</i>	<i>Seligeria pusilla</i>	<i>Lophozia bicrenata</i>
<i>Eurhynchium murale</i>	<i>Tortella inflexa</i>	<i>Lophozia incisa</i>
<i>Eurhynchium schleicheri</i>	<i>Tortula cuneifolia</i>	<i>Lunularia cruciata</i>
<i>Eurhynchium speciosum</i>	<i>Tortula laevipila</i>	<i>Marchesinia mackaii</i>
<i>Fissidens exilis</i>	<i>Tortula latifolia</i>	<i>Marsupella funckii</i>
<i>Fissidens incurvus</i>	<i>Tortula marginata</i>	<i>Metzgeria fruticulosa</i>
<i>Grimmia maritima</i>	<i>Tortula papillosa</i>	<i>Nardia compressa</i>
<i>Gyroweisia tenuis</i>	<i>Tortula ruraliformis</i>	<i>Nardia geoscyphus</i>

Nowellia curvifolia	Reboulia hemisphaerica	Riccia fluitans
Porella laevigata	Riccardia latifrons	Riccia sorocarpa
Porella platyphylla	Riccia beyrichiana	Saccogyna viticulosa
Ptilidium pulcherrimum	Riccia canaliculata	Trichocolea tomentella

12. JOURNAL OF BRYOLOGY, VOLUME 7

Volume 7 of the Journal of Bryology will be complete with Part 4 which is now in the Press and should appear within a few weeks. Wm Cross Ltd. will be preparing a number of binding cases in readiness for members who either buy the case or send their volume for binding. Enquiries should be addressed to: Messrs Wm Cross (Leicester), Ltd., Bookbinders, Mansfield Road, Leicester. Members should note that with the change of title of the journal of the B.B.S. in 1972, the lettering on the spine will now read

JOURNAL OF BRYOLOGY
Volume VII

1972-73

13. READING CIRCLE

The aim of the Reading Circle is to enable members to see the Bryologist and Revue Bryologique et Lichénologique by circulating volumes of these journals as issued. In general subscribers to the Reading Circle are asked to pass on each number within a week of receiving it, but arrangements can be made to retain numbers for longer periods if required. The annual subscription is now 20p per Journal payable to the Society. Members wishing to subscribe should write to the Reading Circle Secretary, Barry Goater, 22 Reddings Avenue, Bushey, Herts., WD2 3PB.

14. Dr J. G. DUCKETT

Our Bibliographer, Jeff Duckett, is spending the period January to August 1974 in the Department of Botany, University of Massachusetts, Amherst, Massachusetts 01002, U.S.A. He requests, however, that all contributions for the Bibliography during this period should still be sent to him at School of Plant Biology, University College of North Wales, Bangor, Caerns., LL57 2UW. Members with hepatics for him to referee are requested to await his return to Bangor before sending them to him.

15. BRITISH BRYOLOGICAL SOCIETY HERBARIUM

It is estimated that the B.B.S. Herbarium contains about 22,000 packets of mosses and liverworts. The majority of these are British, and are the voucher specimens from the British vice-counties. The herbarium is continually growing in size from donations, collections left by individual bryologists, and

by the annual addition of vice-county record vouchers. Thus it is an invaluable source of material for workers studying variation, ecology and distribution. Members may borrow specimens through the Society's Curator, Mr S. G. Harrison, Department of Botany, National Museum of Wales, Cardiff, CF1 3NP.

16. FOUR NEW HONORARY MEMBERS

It is a pleasure to record the election, at the A.G.M. 1973, of four new Honorary Members of the Society for rendering outstanding services either to Bryology or to the Society: Dr E. W. Jones (Oxford), Miss E. M. Lobley (Hexham), Mme L. I. Savicz-Ljubitzkaja (Leningrad) and Mme Z. N. Smirnova (Leningrad). Honorary Members shall pay no subscription but shall have the same privileges as Ordinary Members. Our other Honorary Members are Mme V. Allorge (Paris), Dr R. Grolle (Jena), Mrs E. A. Hodgson (New Zealand), Dr H. Persson (Stockholm) and Prof P. W. Richards (Bangor).

17. INTERNATIONAL ORGANIZATION FOR STANDARDIZATION AND B.B.S. BULLETINS

The adoption of ISO paper sizes in Great Britain is part of a general move towards rationalization which will result in the metric system being used by all industrial nations of the world. Rationalization of paper sizes will lead to economies both for paper manufacturers and for all trades where paper is an important raw material: wastefulness will be reduced. The basis of ISO sizes is the ratio of $1 : \sqrt{2}$ (1.414), i.e. the only ratio between the long and short dimensions of sheet which remains unchanged when the sheet is cut or folded in half parallel to the shorter dimension. The principal letterheading ISO size is A4, which falls between (and is intended to replace) the traditional quarto and foolscap sheets. A5 replaces the octavo sheet.

With the production of the present Bulletin a move is being made towards this standardization. The page size adopted is A5 (148 x 210 mm), i.e. folded A4 (210 x 297 mm), and it is hoped that members approve the change. The Secretary would be pleased to hear from anyone with views on this, or indeed on any topic concerned with the Bulletin.

18. OLD B.B.S. BULLETINS

The Secretary has for disposal a limited number of the following B.B.S. Bulletins at 3p each (incl. postage & packing):

nos. 9 - 13 incl.

nos. 18 - 21 incl.

Postage stamps may be sent as payment for these.

19. LIBRARY FUND

There is a small Library Fund, formed entirely from donations, that is used for buying books for the B.B.S. Library, and for binding, etc. Further donations to this fund, however small, would be very much appreciated, and should be sent to the Treasurer, Mr R. D. Fitzgerald, Idylwild, St Georges Road, Hexham, Northumberland, NE46 2HG

20. CHANGE OF LIBRARIAN

We were sorry to report at the A.G.M. 1973 that Mr Edward Little had found it necessary to give up the post of B.B.S. Librarian which he had held since 1969; it seemed to be the choice between a growing family and an expanding library, and the former won! Thanks are due to Edward for all he has done.

Our brave new Librarian is Dr Ken Adams, 63 Wroths Path, Baldwins Hill, Loughton, Essex, IG10 1SH, whom we thank for taking on the post.

21. LIBRARY - SALES AND SERVICE

Members wishing to borrow papers from the Library should indicate when a xerox copy would do instead of the original. With bound journals this would save enormously on postage and also reduce postal damage. The cost of xerox copies would be 1p per page.

Would any member wishing to consult the library in person please write to the Librarian, or phone (01-508-7863) at least three days in advance, to be sure that there will be someone available.

I. For loan:

- (a) A large selection of bryological books and reprints. Library catalogue may be borrowed from the Librarian (return postage).
- (b) Transparency collection, list available (s.a.e.). Loan charge 25p plus return postage.

II. For sale:

- Moss Exchange Club Reports: odd copies for 1899/1900, 1902 (5p each)
- British Bryological Society Reports: 1926/7, 1927, 1928, 1929, 1930, 1933, 1934, 1935 (13p each); 1944/5 (25p)
- British Bryological Society Transactions - annual parts:
 - Vol. 1 parts 1 - 5 (£1.60 to members, £2.00 to non-members(each), reprint)
 - Vol. 2 parts 1 - 3 (90p each, limited stock)
 - part 4 (£1.50, limited stock)

- Vol. 3 part 1 (£1.50, limited stock of originals)
parts 1 - 5 (£3.00 each, reprints)
- Vol. 4 part 1 (£3.00, reprint)
part 2 (£1.50)
parts 3 - 5 (£2.00 each)
- Vol. 5 part 1 (£2.00)
parts 2 - 4 (£3.00 each)
- Vol. 6 parts 1 & 2 (£3.00 each)
- Vol. 7 parts 1 - 3 (£2.50 each)

Note: Volume 6 part 2 completes the series of Transactions; Volume 7 part 1 (1972) continues the series but is renamed Journal of Bryology.

Postage and packing is extra on all orders.

- Duncan, J. B. (1926) Census Catalogue of British Mosses, 2nd ed.
(13p plain, 18p interleaved, limited stock)
- Sherrin, W. R. (1946) Census Catalogue of British Sphagna (5p)
- Paton, J. A. (1965) Census Catalogue of British Hepatics, 4th ed.
(38p plain, 43p interleaved)
- Warburg, E. F. (1963) Census Catalogue of British Mosses, 3rd ed.
(38p plain, 43p interleaved)

Postage extra.

All the above items are available from the B.B.S. Librarian: Dr K. J. Adams,
63 Wroths Path, Baldwins Hill, Loughton, Essex, IG10 1SH.

22. CHANGE OF SECRETARY

We thank Dr D. H. Dalby for holding down the post of Secretary since 1970. At the A.G.M. 1973, however, he found it necessary to resign owing to increasing pressures of work. Mr Roy Perry was elected as the new Secretary.

23. REFEREES (January 1974)

Specimens sent to the referees should have a 4- or 6-figure grid reference in addition to the locality description, and should be accompanied by a s.a.e. for the return of the material. In the following list the numbers refer to genera in the current editions of the Census Catalogues.

HEPATICIS:

- 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., LL57 2UW.
- 10, 11, 20, 31-33, 45-47, 71-74: Mrs J. A. Paton, Trekewny, 31 Dobbs Lane, Truro, Cornwall, TR1 3NB.
- 12, 13, 48-51, 54-65: E. R. B. Little, Mercer House, Cowden Lane, Witherwick, Hull, HU11 4TX.

- 34-44: M. F. V. Corley, Pucketty Farm Cottage, Faringdon, Berks.
 52, 53, 68-70: A. R. Perry, Department of Botany, National Museum of
 Wales, Cardiff, CF1 3NP.
 75: M. O. Hill, Nature Conservancy, Penrhos Road, Bangor, Caerns.

MOSSES

- 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, Nature Conservancy, Penrhos Road, Bangor, Caerns.
 8-9: Dr A. J. E. Smith, School of Plant Biology, University College of
 North Wales, Bangor, Caerns., LL57 2UW; A. H. Norkett,
 British Museum (Nat. Hist.), Cromwell Road, London, SW7 5BD.
 10-33: M. F. V. Corley, Pucketty Farm Cottage, Faringdon, Berks.
 34, 57-69, 80-89, 91-97, 100-124: E. C. Wallace, 2 Strathearn Road,
 Sutton, Surrey.
 35-51, 53: Dr D. F. Chamberlain, Department of Botany, Royal Botanic
 Gardens, Edinburgh 3
 52: A. C. Crundwell, Department of Botany, The University, Glasgow,
 G12 8QQ.
 54-56: Dr A. J. E. Smith, School of Plant Biology, University College of
 North Wales, Bangor, Caerns., LL57 2UW.
 70-78, 90: Dr E. V. Watson, Department of Botany, The University,
 Reading.
 79: Dr M. C. F. Proctor, Department of Biological Sciences, Hatherly
 Laboratories, Prince of Wales Road, Exeter, EX4 4PS.
 98, 99: Dr S. W. Greene, British Antarctic Survey, Botanical Section,
 University of Birmingham, Research Gardens Winterbourne,
 P.O. Box 363, Birmingham, B15 2TT.
 125-130, 132-161: Mrs J. Appleyard, Sunnyside, West Horrington, Wells,
 Somerset, BA5 3ED.
 131: Dr E. Lodge, Department of Botany, Royal Holloway College,
 Englefield Green, Egham, Surrey, TW20 0EX.

24. NON-DELIVERY OF JOURNALS

If any member finds that he or she is not receiving the Journal would they please let the Secretary know - NOT Blackwell's.

25. NEW MEMBERS, 1973

- BOESEN, D. F., Bregnevej 11, 3500 Vaerlørse, Denmark. (JUNIOR)
 CARTER, R. N., 32 Farr Road, Enfield, Middlesex.
 CAULFEILD-BROWNE, P., 10 Clinton Avenue, Exeter, Devon, EX4 7BA.
 CREED, Miss C., 12 Dyers Lane, Putney, London, SW15 6JR. (JUNIOR)
 CRITTENDEN, P. D., B.Sc., Department of Botany, The University,
 Sheffield, S10 2TN.
 CROSBY, Dr Marshall R., Curator of Cryptogams, Missouri Botanical Garden,
 2315 Tower Grove Avenue, St Louis, Missouri 63110, U. S. A.

CUMBERLIDGE, A. G. , 4 Shaw Green, Storth, nr Milnthorpe, Westmorland.
(JUNIOR)

DERRICK, L. N. , B.Sc. , Department of Botany, University of St Andrews,
St Andrews, Fife.

DILKS, T. J. K. , Hatherly Laboratories, University of Exeter, Prince of
Wales Road, Exeter, EX4 4PS.

FRAHM, Dr J. -P. , D 4100 Duisburg 1, Nikolaistr. 17, Germany.

GRADSTEIN, S. R. , Tweede Transitorium, Botanical Museum & Herbarium,
Uithof, Utrecht, Netherlands, "

HENRYSSON, H. , Fil.Kand. , Våglångsdsgaten 79¹, S-502 46 Borås, Sweden.

KARUNEN, Dr P. , Department of Botany, University of Turku, SF-20500
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26. CONTRIBUTIONS TO THE BULLETIN

The Secretary would be pleased to receive contributions of a general nature relating to any aspect of Botany, for inclusion in the next Bulletin. Also it is hoped that members will contribute small articles which are unsuitable for the Journal, e.g. ecological techniques, methods in photography, microscopy, etc. Thus it is hoped to make the Bulletin more interesting for members. Contributions for the next Bulletin should be sent to the Secretary by April 30, 1974.

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