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Bournemouth Natural Science Society



Proceedings
(1982-83)

VOLUME LXI
PART 5

PROCEEDINGS
of the
Bournemouth
Natural Science
Society

VOLUME LXI
PART 5

1982-83

Edited by
P. E. Winter

**PUBLISHED BY THE SOCIETY AT ITS HOUSE,
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INTRODUCTORY NOTE

The objects of the Society are declared by the second of its rules to be "the promotion of the study of Science in all its branches, and of Public Education by means of Lectures, Field Meetings, the Reading and Discussion of Papers, and in any way that the Council of the Society shall deem advisable".

The branches of Science at present represented are as follows:- Archaeology and History, Astronomy, Botany, Entomology, Geography, Geology, Ornithology, Photography, Physics and Chemistry, and Zoology.

Frequent meetings are held comprising Lectures and Demonstrations on subjects of scientific interest, illustrated by lantern slides, films, diagrams, specimens and experiments.

Field Meetings are held in various suitable places in the neighbourhood of the town, or sometimes Coach Tours are arranged to districts of scientific interest at a distance.

The management of the Society is vested in a Council, which is elected at the Annual General Meeting.

The Society possesses a Library available for the use of Members. Books may, under certain conditions, be borrowed by Members, and there is a Reading Room in which works of reference may be consulted. The Museum contains many valuable scientific collections and specimens.

Members are elected by the Council and pay an annual subscription of £7 for full membership. Life Subscription £70. Family Subscription (for members of a family living in the same house) is as follows: First Adult Member £7, additional Adult Members £3. Associate Membership Subscription is £1 and is restricted to young people up to 18 years of age, if a bona-fide full time student, up to 21 years of age.

Country Membership applies only to those Ordinary Members who reside permanently Outside the boundaries of Bournemouth, Christchurch and Poole.

Subscriptions of Country Members are, First Adult Member £3.50, additional Adult Members, same family, £2.

Special subscription for visitors to Bournemouth, £1 per month.

Members may enter into a Deed of Covenant to pay subscriptions by Banker's Order over the period of four years. At present, the Society benefits by approximately 43p on each £1 subscribed in this way. Full particulars from the Hon. Treasurer on request.

A three-monthly programme, giving full details of all meetings is supplied to every Member and a Volume of Proceedings is published each year of which each Member receives a copy (additional members of a family living in the same house on application to the Secretary).

Further particulars and membership application forms may be obtained from the Honorary Deputy Secretary, Bournemouth Natural Science Society, 39 Christchurch Road, Bournemouth.

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Finance and General Purposes:

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Chairman: MISS R. WINTER

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LIST OF MEMBERS

Revised to 31st October 1983

* HONORARY MEMBER	L LIFE MEMBER
V VICE-PRESIDENT	A ASSOCIATE MEMBER
+ PAST PRESIDENT	

The year of election is given before the name of each member
Unless otherwise stated all addresses are in Bournemouth

1974	Adlard, Mrs. L.B.	50 Seaward Avenue, BH6 3SH
1980	Allan, Mrs. G.	29 Dulsie Road
1963	* Allen, Miss M.	174 Holdenhurst Road, BH8 8AS
1971	Allin, Mrs. J.M.	14 Oakwood Road, Highcliffe
1960	Alsford, C.	20 Church Road, Ferndown, BH22 9EU
1960	Alsford, Mrs. J.R.	" " "
1981	Ambrose, H.R.	17 Woodlands Close, Bransgore
1976	Ames, Dr. G.H.H., M.R.C.S., L.R.C.P., L.D.S.	C13 San Remo Towers, Sea Road
1968	Ames, W.J.C.	3 Rothesay Road, BH4 9NH
1968	Ames, Mrs. D.A.	" " "
1983	Anderson, Mrs. H.A., S.R.N.	11 Lindsay Manor, 47 Lindsay Road, Poole
1977	Andrew, A., M.A.	F7 Pine Grange, Bath Road
1978	Andrew, Miss E.	34 Tollard Court, West Hill Road
1970	Andrews, Mrs. A.	41 James Road, Branksome, BH12 1EA
1981	Archard, E.H.	1 Beechwood Avenue, BH5 1LX
1981	Archard, Mrs. I.L.M.	" " "
1983	Arden, Miss K.N.J.	12 Crescent Road, Poole, BH14 9AS
1967	L Arnold, Mrs. M.	1198 Christchurch Road, BH7 6DY
1982	Ascher, P.	4 Carlton Road, Caversham, Reading
1982	Ascher, Mrs. E.R.	" " "
1975	Ash, Miss C.C.	22 Pendennis, 7 Derby Road
1981	Ashford, Miss G.S.	175 Belle Vue Road
1975	Athill, Col. G.J., M.B.E., F.L.W.S.P.	5 Cresta Gardens, Ferndown, BH22 8LY
1975	Athill, Mrs. J.I.	" " "
1982	Atley, Mrs. C.E.	6 Solent Road
1974	Ayles, Mrs. N.	6 Slavanka Court, 44 Belle Vue Road
1974	Ayton, D.J.	201 Kinson Road, BH10 5HB
1977	Ball, Miss B.M.	25a Dingle Road
1966	L Band, Miss E., B.A.	9 Deveron Lodge, 23 Christchurch Road
1983	Banks, S.	31 Doveshill Crescent
1983	Banks, Mrs. B.	" " "
1981	Barnett, Miss L.M.	26 Hartley Down, 60 Christchurch Road
1978	Barrett, Miss M.	1 Belmont Avenue
1978	Barrett, Mrs. J.H.	11-318 Poole Road, Poole, BH12 1AN
1971	L Bartram, T., F.N.I.M.R., F.R.S.H., F.H.A.	6 Browning Avenue, BH5 1NN
1981	Bates, Mrs. G.	10A Glen Road
1978	Bateson, Miss J.	8 Meadow Court, Leigh Common, Wimborne
1982	Baxter, Miss K.C.	13 Glencoe Road

1980	Bell, Mrs. A.M.	Ernest Burden House, East Cliff
1974	Bell, Miss D.H.	19 Gainsborough Road, BH7 7BD
1944	*+V Bell, T.M., B.A.,M.B.,B.CH.	5a Stourwood Avenue, BH6 3PN
1963	*+V Bennetts, Miss K.M., F.Z.S.	29 Belle Vue Gardens, Belle Vue Road
1978	Bennett, Mrs. J.	15 Mude Gardens, Mudeford
1979	Benson, Mrs. R.	6 Moat Lane, Barton-on-Sea
1980	Bentley, M.P., O.B.E.,C.ENG.	5 Bournewood Drive
1980	Bentley, Mrs. E.P., A.T.D.	" "
1947	Berrill, Miss M.E.	41a Cavendish Road, BH1 1RA
1967	Bettell, Miss I.M.	4 Curzon Court, 11 Portarlington Road
1972	Birkinshaw, D.	30 Lowther Road, BH8 8NG
1983	Blatch, Mrs. P.R.	The Court House, Princess Avenue, Christchurch, BH23 1DB
1951	L Blandford, Mrs. R.I.	B18 Elizabeth Court, Grove Road
1964	Blower, Miss M.	32 Selkirk Close, Merley, Wimborne
1981	Boardman, R.D.	92 Hillside Drive, Christchurch, BH23 2TD
1981	Boardman, Mrs.	" " "
1981	Bodle, Mrs. D.A.	46 Lake Avenue, Hamworthy
1980	Bowe, Miss D.	70 Charminster Avenue, BH9 1SE
1978	Bowler, F.C., B.S.C.	8a Overbury Road, Poole
1983	Boynes, R.C.	43 Keith Road, BH3 7DS
1983	Boynes, Mrs. R.	" " "
1980	Bragg, Miss J.M.	2 Berkley Manor, 317 Poole Road, Poole, BH12 1AA
1969	* Bray, W.A.	234 Ringwood Road, Leigh Common, Wimborne, BH21 2DE
1975	Brazell, Mrs. M.	Surrey Lodge, 16 St. Winifreds Road
1968	Brazier, Miss M.A.	4 Cedar Avenue, BH10 7EF
1983	Britton, R.I.H.	43 Endfield Road, Christchurch BH23 2HT
1983	Britton, Mrs. D.M.J.	" " "
1970	Brooks, J.L.	7 Milton Road, Wimborne, BH21 1NY
1970	+VL Brooks, Miss M.M., PH.C.,I.P.S. F.R.S.H.,F.R.E.S.	" " "
1978	Brotherton, Miss H.J., J.P.,O.B.E.	58 Pearce Avenue, Poole
1983	Brown, Miss J.M.	15 Ingleby, 6 Wimborne Road, BH2 6NG
1937(1967)	+V Brown, S.C.S.,F.D.S.,R.C.S., L.D.S.	158 Harewood Avenue, BH7 7BG
1962	Brown, Miss V.C.	9 Laverstock, Boscombe Cliff Road
1982	Burch, B.O.	Flat 4, 5 Pine Tree Glen
1977	Burrows, Mrs. B.A.	70 Redhill Drive
1930	Bury, Miss G.J.	11 Rossley Close, Christchurch
1973	Butcher, Mrs. C.E.	10 Victoria Gardens, Fordingbridge
1977	Butcher, Mrs. M.	32 Dudsbury Avenue, Ferndown
1977	Butt, Mrs. J.M.	599 Chilbridge, Hillbutts, Wimborne
1983	Caird, Mrs. F.M.	B3 Exbourne Manor, Christchurch Road
1979	Campbell, Mrs. M.A.	22 Cheam Road, Broadstone
1964	Cartwright, Miss D.E., M.B.E.	31 Wistaria House, Redhill Drive
1977	Chaney, H.L., F.R.I.C.S.,F.A.I.	72 Parkstone Avenue, Poole
1977	Chaney, Mrs. I.	" " "
1974	Channon, W.V.K.	36 Studland Road, BH4 8JA
1974	Channon, Mrs. P.G.	" " "
1942	* Chomé, Mrs. W.	3 Sandykeld, 26 Manor Road
1968	Clamp, Miss D.	6 Hengistbury Road, Barton-on-Sea
1974	L Clapton, Miss D.E.	1 Alington, 25 Marlborough Road, BH4 8DE
1976	Clarke, Mrs. D.E.	23 Victoria Gardens, Fordingbridge

1981	Clarke, Major F.X., B.A.,A.C.P.	39 Broadway, BH6 4EE
1977	Clasby, P.S.	12 Haglane Copse, Lymington
1983	Clayton, O.J., A.H.,R.H.S.	51 Anson Close, Poulner, Ringwood
1963	L Clode, J.C.	4 Honeywood House, 28/30 Alington Road, Canford Cliffs
1973	Clode, Mrs. V.M.	" " "
1977	Coates, Miss J., B.A.	6 Riverside Court, 23 Surrey Road
1977	Coates, Miss L., B.A.	34 Hillside Drive, Wallisdown, BH12 5DY
1958	* Cocke, M.H.	St. Ives House, Horton Road, St. Ives, Ringwood
1981	Collins, Mrs. B.	14 Ingleby, 6 Wimborne Road, BH2 6NG
1982	Collins, L.	49 Bronte Ave, Christchurch, BH23 2NA
1982	Collins, Mrs. E.	" " "
1983	Collins, R., B.A.,P.G.C.E.	73 Harland Road, BH6 4DW
1983	Collins, Mrs. F.J.	" " "
1975	Cole, Mrs. J.	34 Little Forest Road
1981	Colyer, L.E.	51 Parkwood Road
1981	Colyer, Mrs. W.M.	" " "
1941	L Cooper, Mrs. E.M.	B18 Elizabeth Court, Grove Road
1982	Cooper, Miss K.	49 Christchurch Road
1976	Copp, Mrs. V.E., B.A.	84 Brackendale Road
1981	Corston, Miss L.J.	23 Meyrick Court, St. Winifred's Road
1972	Cousins, Mrs. A.	51a Newstead Road, BH6 3HL
1956	L Cox, Miss M.G.E.	4 The Maitlands, 8 Portarlinton Road
1973	Crane, Mrs. R.C.	11 Dewlands Park, West Close, Verwood
1973	+V Crawshaw, T.A., F.M.INST.M.C.	D4 Exbourne Manor, 37 Christchurch Road
1972	Crawshaw, Mrs. F.M.	" " "
1977	Crompton, Mrs. J.E.	148 Evering Avenue, Poole
1977	Croad, Mrs. H.S.	Rivercroft, Spetisbury, Blandford
1982	Crooks, Miss L.	42 Belle Vue Gardens, Belle Vue Road
1981	Cuff, Mrs. L.	8 Pinelands Court, 128 Richmond Park Road
1975	Curtis, Mrs. B.	114 Cutlers Place, Wimborne
1975	Dain, F.	111 Bader Road, Canford Heath, Poole
1975	Dain, Mrs. D.	" " "
1983	Dales, F.R.	Flat 2, 12 Boscombe Cliff Road, BH5 1JL
1983	Dales, Mrs. E.M.	" " "
1983	Dawson, Miss M.P., B.SC.	2 Bosley Way, Christchurch
1976	Davis, Mrs. B.	5 Athelney Court, 24 Grove Road
1976	Davis, Miss M.W.S.	26 William Road
1983	Day, Miss F.H.	A3 Exbourne Manor, 37 Christchurch Road, BH1 3WX
1967	Deacon, Miss M.G.K.	42 Belmont Road, Poole, BH14 ODB
1981	Dedman, Rev. S.C.	East Barn, 110B Goblins, Iwerne Minster
1981	Dedman, Mrs. M.M.	" " "
1975	Denison, Mrs. N.	36 Bryanstone Road, BH3 7JF
1980	Dickinson, Mrs. M.A.	E21 San Remo Towers, Sea Road
1975	Dickinson, Mrs. H.M.	9a Moorland Road
1978	Dixon, Miss D.M.	26 Bourne Pines, Christchurch Road
1972	Dolamore, Mrs. M.	15 Dene Walk, Ferndown
1973	Donnelly, J.F.	3 Buce Hayes Close, Highcliffe
1973	Down, Mrs. A.M.	D19 Elizabeth Court, Grove Road

1980	Downes, J.P.	10 Leslie Road, BH9 2JH
1970	Draper, G.S.	44 Brackendale Road, BH8 9JA
1970	Draper, Mrs. O.G.	" " "
1983	Drew, Mrs. C.M.F.	4 Bower Road, BH8 9HQ
1979	Dring, Miss F.	67 Newcombe Road, West Moors
1983	Dubberley, Mrs. O.	32 Amberley Court, Bath Road
1953	Dudley, D.F.	17 Widdicombe Avenue, Poole
1955	Dudley, Mrs. I.	" " "
1981	Dukes, Mrs. R.A., B.SC.	50 West Way, Broadstone
1972	Dunfee, Miss E.G.	5 Barton Drive, Barton-on-Sea
1975	Dunstan, Miss E.M.	12 Grants Close
1978	Eames, K.M., F.C.A.	152 Cranleigh Road
1978	Eames, Mrs. I.L.	" " "
1967	Earl, Mrs. J.C.	3 Heysham Road, Broadstone
1974	Easterbrook, L.	4 The Pines, 38 The Avenue, Poole
1974	Easterbrook, Mrs. F.P.	" " "
1979	Eaton, W.A.	9 Queens Park Avenue
1965	V* Edwards, Brig. A.B.D.,C.B.E.,M.C.	234 Burlington Hotel, BH5 1AD
1979	Edwards, H.L., A.M.INST.E.	1 Crescent Court, The Crescent
1979	Edwards, Mrs. E.	" " "
1983	Edwards, R.A.	62 Talbot Road
1983	Edwards, Mrs. W.	" " "
1979	Elgood, J.H., M.A.	26 Walkford Way, Highcliffe
1979	Elgood, Mrs. M.L.	" " "
1979	Elliott, Miss M.	7 The Grove, Christchurch
1976	Erskine, S.L.W., M.D.,D.P.H.	16 Oakwood Road, Christchurch
1976	Erskine, Mrs. K.M.	" " "
1982	Evelyn, Mrs. M.	30 Mayford Road, Poole
1955	*V+ Exton, Miss F.M., B.A.	4 Worthington Crescent, Poole
1960	Exton, Miss J.M.	" " "
1953	L Farwell, Mrs. S.M.A.	Latch Farm, Fairmile, Christchurch
1983	Fell, Miss M.H.	21 The Anchorage, 157 Mudeford, BH23
1977	L Fewkes, Miss M.H.	175 Belle Vue Road 4AG
1965	Fildes, Mrs. E.M.	45 Wickfield Avenue, Christchurch
1976	Fisher, G.	6 Woodland Avenue, BH6
1976	Fisher, Mrs. N.	" " "
1981	Fitsgibbon, Miss M.T.	41 Homeleigh House, 52 Wellington Road
1980	Fitzroy-Simmons, A.S.	1 Riviera Court, Suffolk Road, BH2 5SY
1980	Fitzroy-Simmons, Mrs. G.M.	" " "
1982	Foot, Miss G.M.	170A Columbia Road
1975	Ford, Mrs. J.	253C Belle Vue Road
1979	Forrest, L.G.	30 Meyrick Court, St. Winifred's Road
1983	Foster, Mrs. A.R.	33 Tollard Court, West Hill Road
1983	Foster, Miss	94 Iford Lane, BH6 5QZ
1983	Francis, Mrs. M.M.	B14 San Remo Towers, Sea Road
1970	* French, Mrs. H.M.	3 Cavendish Road
1981	Fulford, Mrs. H.J.	21 Victoria Gardens, Fordingbridge
1982	Gandy, F.W.	75 Littledown Avenue
1981	Gard, Mrs. I., B.A.	D6 Exbourne Manor, 37 Christchurch Road
1975	Gardiner, J.A.	49 St. Catherines Road, BH6 4AQ
1978	Gaston, A.E.	21 Chessel Avenue
1974	George, W.L.	8 Glendale Close, Wimborne
1974	George, Mrs. J.	" " "
1972	Gillett, Miss M.M.A.	16 Talbot Avenue, BH3 7HX
1980	Glass, A.	6 Horseshoe Court, Dean Park Road
1980	Glass, Mrs. P.	" " "
1983	Goldie, Mrs. L.A.	21 Wildfell Close, Christchurch

1981	Gould, A.R.	11 The Boltons, Portarlington Road
1981	Gould, Mrs. M.C.	" " "
1977	Gray, Mrs. J.F., B.A.	62 Dulsie Road
1983	Green, Mrs. S.E.	9 Derby Road
1977	Green, Mrs. W.	12 Marsh Court, Clifton Road
1982	Grieve, Miss J.N.	33 Norfolk Avenue, Christchurch
1973	Griffiths, Mrs. R.A.	C23 San Remo Towers, Sea Road, BH5 1JT
1973	Gunter, Mrs. R.B.	13 Annerley Road, BH1 3PG
1978	Guscott, W.J., C.ENG.,F.I.E.E.	7 Wick Lane
1982	Halford, Miss A.	15 Poole Road
1972	Hanna, H.J.A.	6 Cliffe Road, Barton-on-Sea
1971	Hanna, Mrs. K.A., M.A.	" " "
1972	Harding, R.	3 Portchester Place, BH8 8JS
1976	Hardy, W.	1 Gorsecliff Court, 5 Boscombe Spa Road
1976	Hardy, Mrs. E.	" " "
1978	Harwood, R.E.	10 Blakehill Crescent, Poole
1978	Harwood, Mrs. A.M.	" " "
1976	L Hartwell, Miss E.I.	32 Parley Road
1982	Harrison, D.R.	23 Broadway, BH6 4EE
1982	Harrison, Mrs. M.J.	" " "
1961	Harvey, Mrs. F.E., M.B., CH.B.	C21 San Remo Towers, Sea Road, BH5 1JT
1964	Hatton, R.H.S., M.A.	Pine Cottage, Lower Rowe, Holt
1973	Hayball, Miss G.	Flat 21/29-33 Bournemouth Road, Poole
1969	Hayter, Miss E.	38 Edgehill Road, BH9 2PQ
1972	L Healey, Mrs. R.	5 Leven Avenue, BH4 9LH
1971	Heaton, Mrs. M.I.	8 Mayfair, 74 Westcliff Road, BH4 8BG
1975	Heath, G.W.	3 Wyndham Road, Parkstone
1975	Heath, Mrs. M.R.	" " "
1983	Heskel, V.T.	Flat 3, 39 Nelson Road, Poole, BH12 1ES
1982	Higgins, G.W., B.SC., M.I.E.E.	66 Huntly Road, BH3 7HJ
1982	Higgins, Mrs. B.C., S.R.N.	" " "
1977	Hight, Mrs. I.E.	55 Rothesay Drive, Highcliffe
1973	Hilton, Miss M.L., B.SC.,PH.D.	47 Belle Vue Gardens, Belle Vue Road
1962	* Hipperson, Miss M.	69 Headswell Avenue, BH10 6JZ
1982	Hodeson, Mrs. E.K.	D4 Halebrose Mansions, Belle Vue Road
1979	Hodgetts, Mrs. E.P.	C11 35 Christchurch Road
1974	Holmes, Mrs. H.N.	4 Chepping Dene, 15 Wimborne Road
1961	*L Hooton-Smith, Mrs. B.E.	A5 Twynham Court, 20 Dean Park Road
1981	Hopkins, P.G.H., B.A.,B.SC.	7 Wallace Court, 39 Wallace Road, Broadstone
1978	Hopwood, Mrs. J.	44 Verwood Crescent
1979	Horley, Mrs. M.	2 Waverley, 25 Grosvenor Road
1982	Horsfield, Mrs. M.	51 Manning Avenue, Highcliffe
1979	Hortop, J.R.	1 Priory Gardens, Spetisbury
1983	Hull, Mrs. P.F.	12 Hilton Grange, 20 Knyveton Road
1980	Huggins, S.	33 Hartley Down, 60 Christchurch Road, BH1 3PJ
1954*+VL	Hunt, Mrs. A.K., B.SC.	Flat 1, 5 Alton Road, Poole
1979	Hyde, R.A.	7 Coy Pond Road, Poole
1979	Hyde, Mrs. B.F.	" " "

1983	Illingworth, Mrs.J.	4 Gainsborough Court, 73 Wimborne Road
1983	Jackson, P.E.	6 St. Swithuns Road South, BH1 3RG
1983	Jackson, Mrs. D.J.	" " " "
1975	Jardine, Rev. D.E.C., M.A. DIP. THEOL.	St. Saviours Vicarage, Colemore Road
1972	Jarrold, Miss C.W.	B35 San Remo Towers, Sea Road
1945	Jenkins, Miss P.	School Cottage, Hinton, Christchurch
1976	Jenkins, Miss C.	16 Avenue Court, 18 The Avenue, Poole
1980	Jenkinson, A.G., B.SC.	4 Warren Edge Road, BH6 4AU
1980	Jenkinson, Mrs. I.M.	" " " "
1982	Jones, Mrs. I.E.	Ernest Burdon House, East Cliff
1983	Jones, Miss M.	51 Parkwood House
1976	Jordan, L.E.	18 Braidley Road
1976	Jordan, Mrs. V.M.	" " " "
1978	Joseph, S.B., A.MUS., T.C.L.	1/31 Knole Road
1970	Kent, H.M., B.SC.	62 Canberra Road, Christchurch
1970	Kent, Mrs. M.	" " " "
1968	Kernot, Miss F.L.	28 Braidley Road
1983	Lambert, R.A., F.I.M.L.S.	31 Mimosa Avenue, Merley, BH21 1TU
1983	Lambert, Mrs. I.A.	" " " "
1977	Langford, H.H.C.	8 Gordon Court, 38 Surrey Road
1980	Laughrin, I.G.	46 Smugglers Lane North, Highcliffe
1980	Laughrin, Mrs. H.M.	" " " "
1979	Lawrence, H.	27 Gladstone Road West, BH1 4HZ
1979	Lawrence, Mrs. K.	" " " "
1982	Layton, S.F.	7 Sycamore Close, Christchurch
1979	Leapman, P.E., M.P.S.	39 Manor Road
1979	Leapman, Mrs. P.G.	" " " "
1970	Ledger, A.L.	7 Albemarle Road, BH3 7LZ
1981	Lee, Mrs.A.	D1 Exbourne Manor, 37 Christchurch Road
1979	Lee, D.C., C.B.E.	73 Newstead Road, BH6 3HC
1979	Lee, Mrs. W.	" " " "
1966 +V	Lee, W.H.	18 Ravenshall, West Cliff Road, BH4 8AT
1967	Lee, Mrs. L.B.	" " " "
1975	Lees, R.G.	9 Marsh Court, 9 Clifton Road
1981	Leonard, Mrs. A.C.	12 Argyle Road, Christchurch, BH23 3NW
1983	Le Pard, D.A., F.R.E.S.	Silver Crest, Silver Street, Sway.
1983	Levy, D.R.H.	25 Cedar Avenue, Christchurch
1976	Lilly, G.W.	78 St. Lukes Road
1970	Lilly, Mrs. P.	" " " "
1975	Lister, Dr. M., M.SC., PH.D.	6 Katterns Close, Christchurch
1934 *+V	Lowther, Miss D.M., B.SC.	15 Mayfield Avenue, Poole
1976	Lund, Mrs. M.S.	8 William Road
1956	McClay, H., M.S.M., A.C.I.I.	27 McKinley Road, BH4 8AG
1958	McClay, Mrs. D.G.	" " " "
1974	McMullin, Mrs. E.G.	151 Burlington Hotel, Owls Road
1983	Mackintosh, Miss S.M.	52 Coombe Avenue, BH10 5AE
1981	Maddocks, H.J.	4 Stourview Court, 118 Hurn Road, Christchurch
1982	Maddocks, Mrs. D., S.R.N.	" " " "
1973	Maddox, C.B.M.	31 Egerton Road, BH8 9AY
1956	* Maddox, Mrs. L.M.	" " " "

1982	Mahon, Mrs.N.	8 Thessaly Court, 7 Crabton Close Road
1978	Mann, C.W.	9 Endfield Close, Christchurch
1978	Mann, Mrs. M.	" " "
1977	Marcroft, Mrs. R.M.	289 Belle Vue Road
1978	Martin, Mrs. D.	30 Hull Road
1967	Martin, F.B., F.C.I.I.	C25 San Remo Towers, Sea Road, BH5 1JT
1981	Martin, Miss N.	87 Haviland Road
1983	Martin, Mrs. P.M.	23 Belle Vue Gardens, Belle Vue Road
1981	Marsh, A.W.	Broadacres, Oakley Straight, Wimborne
1981	Marsh, Mrs. J.C.	" " "
1983	Mason, C.	51 Durrington Road
1979	Mason, Mrs. P.M.	" " "
1978	Mayer, F.A.	Teal Cottage, Windmill Lane, Ring- wood
1981	Mayewska, Mrs. E., M.A.	26 Avon Buildings, Christchurch
1976	Merchant, Miss J.M.	7 Stourton Court, Marlborough Road
1973	Merry, Mrs. H.E.	10 Victoria Gardens, Fordingbridge
1956	Middlemast, A.H.	86 Hengistbury Road, BH6 4DJ
1964	Middleton, W.J.	74 Compton Avenue, Poole
1982	Millard, J.R.	2 Torbay Road, Poole
1981	Miller, H.F.	B45 San Remo Towers, Sea Road
1981	Miller, Mrs. G.K.M.	" " "
1976	Mills, W.G.Q., M.B., B.CH., F.R.C.S.	66 Blake Hill Crescent, Poole
1983	Mitchell, Miss J.E.	266 Holdenhurst Road
1959	V* Mitton, J.C.	3 Gainsborough Road, BH7 7BD
1970	Mitton, Mrs.M.	" " "
1972	Moore, W.H.	13 Eldon Road, BH9 2RT
1973	Moore, Mrs. L.	" " "
1981	Morgan, W.D.	47 Sandecotes Road, Poole, BH14 8PA
1979	Morris, Mrs. B.M.	4 Westcliff House, 45 Westcliff Road, BH4 8AZ
1973	Morris, T.E.	Sandpit, Frogham Hill, Fordingbridge
1973	Morris, Mrs. J.F.	" " "
1981	Mortimer, Miss D.J.	16 Mallard Road
1981	Mouat, G.F.W.	20 Endfield Road
1982	Mulliss, C.H.T.	8 Glenmoor Road, BH9 2LT
1973	Nash, G., M.A., F.R.A.S.	12 St. Annes Road, Upton, Poole
1981	Neagle, Miss J.I., S.R.N.	8 Pendennis, 7 Derby Road, BH1 3PU
1974	Nicklen, E.W.	77 Holdenhurst Avenue, BH7 6RB
1967	Nicklen, Mrs. L.V.	" " "
1981	Nicol, T.A.	7 Kirkway, Broadstone
1982	Nobbs, Miss I.M.	14 The Marlins, 16 Knyveton Road
1968	Noll, Miss C.F.	6 New Park Road
1977	North, Mrs. J.L.	12 Littledown Avenue
1977	Norvall, Miss A.C.	23 Exton Road
1982	Obee, Mrs. G.E.	16 Southwick Road, BH6 5PT
1979	O'Connor, T.	48 Knyveton Road
1957	Odell, Mrs. G.C.	4 Barclay Mansions, St. Valerie Road
1970	Offen, E.C.	4 Ranelagh Road, Highcliffe, Christchurch
1970	Offen, Mrs. M.J.	" " "
1982	O'Hara, Mrs. J.	11 Roberts Road
1971	+V Oldham, F., J.P., M.A., B.S.C., F.INST.P.	19 Dingle Road, BH5 2DP
1975	O'Neill, Miss G.E.	15 The Chantry, Madeira Road
1983	Ormanroyd, Miss L.	21 The Anchorage, 157 Mudeford

1979	Palmer, Miss D.I.	49 Columbia Road
1970	Parish, D.	5 Venator Place, Munster Park, Wimborne
1970	Parish, Mrs. F.M.	" " "
1969	L Parkinson, J.G.	45 Belle Vue Road, BH6 3DF
1969	+VL Parkinson, Mrs. M.K.	" " "
1983	Paton, Miss E.M.G.	21 Homeway House, 10 Pine Tree Glen
1971	Pawson, Miss K.M.	39 Queen Mary Avenue, BH9 1TT
1963	Payne, Miss H.I.	83 St. Luke's Road, BH3 7LS
1980	Pearce, Mrs. B.	24 St. Alban's Avenue, BH8 9EE
1983	Pearce, Mrs. L.E.	26 Berkley Manor, 317 Poole Road, Poole
1916	*L Penrose, Miss F.	Little Picket, Hightown, Ringwood
1983	Pilling, J., B.S.C.	123 Ashley Road, New Milton
1983	Pinchbeck, P.	36 Egerton Road
1983	Pinchbeck, Mrs. B.S.E.	" " "
1983	Pinniger, R.S., M.R.C.V.S.	50 Branksome Wood Road, Poole
1981	Pinson, D.J.	24 Maundeville Road, Christchurch
1981	Pinson, Mrs. M.H.	" " "
1977	Plummer, Mrs. G.	33 Branksome Hill Road
1973	Puckett, Mrs. M.	47 Somerley Road, BH9 1EN
1983	Pugh, B.H.	1/22 Sandringham Road, Poole
1967	Purdy, Mrs. K.M.	158 York Road, Broadstone
1976	Purnell, Miss E.J.	70 Belle Vue Gardens, Belle Vue Road
1982	Pursey, Mrs. R.M.	1 Stour View Court, 118 Hurn Road, Christchurch
1979	Randall, Mrs. C.	5 Belle Vue Gardens, Belle Vue Road
1975	Ratcliffe, G.L., F.C.A.	4 Woodland Avenue
1975	Ratcliffe, Mrs. M.N.	" "
1980	Raymond, Miss A.	11 Boreham Road, BH6 5BW
1951	L Read, Mrs. H.A.	15 Carbery Avenue, BH6 3LL
1978	Reed, Mrs. J.M.	42 St. Ives Park, Ashley Heath
1979	Renshaw, Mrs. M.E.	5 Southwick Place
1983	Richards, Miss E.C.	65 Admirals Walk, West Cliff Road
1982	Roach, Miss M.J.	25 Twemlow Avenue, Poole
1980	Roberts, Miss J.	B1 Halebrose Mansions, Belle Vue Road
1977	Robins, W.O., A.R.I.C.S.	85 Petersfield Road
1979	Robins, Mrs. F.V.	" "
1980	Robinson, E.T.W., M.A., F.R.G.S.	9 Heath Farm Close, Ferndown
1980	Robinson, Mrs. E.F.S.	" " "
1983	Rogers, A.	38 Crescent Walk, West Parley
1983	Rogers, Mrs. M.E.	" " "
1983	Rogers, Mrs. E.	169 Queens Park Avenue
1963	L Rossiter, Mrs. D.M.	5 Park Homer Road, Colehill, Wimborne
1970	Rowe, Miss L.M.	23 The Bluff, Headswell Crescent
1967	Russell-Cotes Art Gallery	East Cliff, Bournemouth
1975	Rust, Mrs. P.	95 Holdenhurst Avenue, BH7 6RB
1970	L Ruston, J.R.	Flat 1, 3 Moorland Road, BH1 3ST
1980	Saunders, Miss B.A.	Dormer Cottage, Gaunts Common, Wimborne
1975	L Saunders, Mrs. M.W.	2 Memorial Homes, Castle Lane
1954	Saunders, Miss W.A.	10 Dunccliffe Road, BH6 4LJ

1982	Schaufelberger, Rev. J.H.	The Vicarage, Wantage
1970	Scott, S.A.	6 The Close, Charlton Marshall, Blandford
1976	Scutter, Mrs. L.M.	12 Oakwood Road, Highcliffe
1982	Segal, Miss J.	25 Twemlow Avenue, Poole
1960	* Sephton, Mrs. N., M.B.,CH.B.	1/4 Talbot Avenue, BH3 7HU
1951	Sewell, Mrs. I.	4 Maundeville Crescent, Christchurch
1977	Shannon, Mrs. F.M.	3 Surrey Gardens
1982	Shaw, L.F.,B.SC.,M.I.MECH.E.	61 Haven Road, Poole
1982	Shaw, Mrs. J.	" "
1981	Shepherd, L.H.	1 Coronation Avenue
1981	Shepherd, Mrs. B.M.	" "
1983	Shepherd, Mrs. N.	23 The Anchorage, 157 Mudeford
1971	Sherrington, Miss D.	57 Gladstone Road West, BH1 4HZ
1968	Shewell, Capt. A.V.	F/10 Pine Grange, Bath Road
1982	Shewring, Mrs. J., M.A.	19 William Road, BH7 7BA
1980	Siggs, D.	18 Parkstone Avenue, Poole, BH14 9LR
1980	Siggs, Mrs. N.C.	" "
1976	Simmons, Miss I.	4 Hampshire House, 37 Cavendish Road
1983	Simpson, E., B.A.,M.SC.,F.R.I.C.S.	9 Glenmoor Road
1983	Simpson, Mrs. Edna	" "
1979	Smith, S.F.	44 The Grove, Moordown
1981	Smith, Mrs. F.A.	17 Chilton Drive, Barton-on-Sea
1973	Smith, Miss V.H.	15 Belle Vue Gardens, Belle Vue Road
1976	Sorton, Mrs. A.L.E., B.A.	5 Admirals Walk, Westcliff Road
1975	Souter, Miss E.E.	9 Rowan Close, Highcliffe
1971	Southworth, T.C., O.B.E.,B.SC.	15 Chine Crescent Road, BH2 5LG
1971	Southworth, Mrs. N.K.G., M.A.	" " "
1976	Sparkes, G., M.I.E.E.	68 Clingan Road
1976	Sparkes, Mrs. M.	" "
1976	Starkey, Miss V.E.	C36 San Remo Towers, Sea Road
1979	Stearn, N.S.J.	18 The Anchorage, 157 Mudeford
1969	Stephens, Mrs. G.B.	24 Cavendish Road, BH1 1RF
1976	Stocker, Miss M., B.A.	21 Amberley Court, Bath Road
1967	Strain, W.S., M.A.	65 Farm Lane North, Barton-on-Sea
1979	Street, Miss C.	18 Broughton Close
1979	Street, Miss W.	" "
1975	Sutherland, A., F.L.A.	College Library, Wallisdown
1980	Sykes, J.R.	32 Durrington Road
1979	Taconis, Miss R.M.	78 The Grove, Christchurch
1982	Taylor, C.J.	18 Dunkeld Road, BH3 7EN
1980	Taylor, F.	38 Hillbrow Road
1979	Taylor, Mrs. M.M.	" "
1967	+V Teasdill, G., F.M.A.,F.R.S.A. F.R.N.S.,F.Z.S.	99 Carbery Avenue, BH6 3LP
1967	Teasdill, Mrs. N.A.	" " "
1983	Teasdill, M.G.	" " "
1983	Teasdill, Mrs. V.	287A Belle View Road, BH6 3BB
1982	Thomas, Mrs. M.G.	14 Easter Court, 31 St. John's Road
1977	Thomas, Mrs. S.	106 Sopwith Crescent, Wimborne
1965	V Thomas, W.C.	Flat D, Laverstock, Boscombe Cliff Road
1965	+V Thomas, Mrs. G.M., M.A.,B.LITT.	" " "
1983	Thorpe, Mrs. N.H.	9 Derby Road
1982	Tiller, B.A.	65 Portland Road
1982	Tiller, Mrs. M.	" "
1970	Tipper, Miss N.	6 St. Michael's Flats, Cambridge Road

1965	Todd, Miss E.C.	Flat A, Pendennis, 7 Derby Road, BH1 3PU
1976	Tompkins, R.J.	C41 San Remo Towers, Sea Road
1975	* Towndrow, Mrs. I.	C4 St. Catherines Court, 35 Christchurch Road
1977	Tuck, Mrs. L.K.	18 Toft Mansions, Manor Road
1981	Underhill, Miss M.L.	10a Glen Road, BH5 1HR
1981	Underhill, Mrs. R.A.	2 Leonard Hackett Court, St. Wini- fred's Road
1976	Upson, A.	4 Ryan Close, Ferndown
1976	Upson, Mrs. O.	" " "
1981	L Vassie, G.J., F.R.E.S.	40 Cranleigh Gardens, BH6 5LE
1981	L Vassie, Mrs. B.A.	" " "
1982	Walker, Miss M.J.	74 Huntly Road
1974	Wall, T.R.	17 St. Mary's Road, Ferndown
1961	Wallace, Miss J.B., B.SC.	10 St. Ives Park, Ringwood
1980	Warburg, Mrs. A.M.	11 Katterns Close, Christchurch
1983	Warburton-Gray, Mrs. E.	132 Canford Cliffs Road, Poole
1977	Watson, F.R.	79 Brackendale Road
1976	Watson, Comm. G.W., C.ENG., M.I.MECH.E., F.I.R.A.S.	17 Wimborne Road
1976	Watson, Mrs. H.M.	" "
1977	Webster, C.J.	4 Chewton Common Road, Highcliffe
1977	Webster, Mrs. B.J.	" " "
1975	Webster, Miss S.C., B.ED.	" " "
1979	Westbrook, Mrs. S.	15 Wheelers Lane, Bearwood
1983	Whattoff, Miss E.M.	48 Belle Vue Gardens, Belle Vue Road
1970	L Wheeler, H.P.	47 Belle Vue Road, BH6 3DD
1970	L Wheeler, Mrs. L.	" " "
1982	Whieldon, P., B.SC.	10 Branders Lane
1982	Whieldon, Mrs. M.	" "
1983	Whiteley, Mrs. B.	11 Verwood Crescent, BH6 4JE
1978	Whitsed, W.J., F.R.S.A.	41 Feversham Avenue, BH8 9NW
1982	Wiggs, Mrs. M.R.	3 Thessaly Court, 7 Crabton Close Road
1982	William, Mrs. D.M.	B15 San Remo Towers, Sea Road
1979	Williams, Mrs. M.	76 Huntly Road
1983	Williams, Mrs. K.	47 Watcombe Road
1977	Williams, Mrs. M.R.	102 Belle Vue Road
1980	Willson, Miss E.D.	50 Charminster Avenue, NH9 1SB
1972	* Wilson, F.W., F.C.I.S.	9 Pascoe Close, Poole
1972	Wilson, Mrs. E.M.	" " "
1976	L Winter, Mrs. A.R.	10 Lakeside Road, Branksome Park
1979	Winter, Miss P.E., M.A.	7 Broadway
1979	Winter, Miss R.H.D.	"
1981	Withrington, L.A.	53 Copeland Drive, Poole, BH14 8NR
1981	Withrington, Mrs. M.F.	" " "
1948	Wood, Miss E.B., B.SC.	4 New Park Road, BH6 5AB
1971	L Wood, Mrs. D.L.	6 Crofton Court, 37 Wellington Road
1980	Wood, Miss F.	16 Harcourt, Derby Road, BH1 3PZ
1981	Woods, Mrs. J.M.	6 Knole Gardens
1981	Woodward, Lt. Col. P.H., T.D., B.SC., C.ENG., F.I.E.E.	1 Hamilton Close, Mudeford
1981	Woodward, Mrs. M.	" " "
1975	L Wrenn, G.	99 The Avenue, Moordown
1980	Wrenn, Mrs. M.	" " "

1977 Young, Mrs. M.E., B.Sc.
1983 Youngman, C.H.
1983 Youngs, Miss E.W.
1979 Yuill, Mrs. T.O.

67 Orchard Avenue, Poole
1/5 The Marlins, Knyveton Road
27 Seaward Avenue, BH6 3SJ
15a Newstead Road

OBITUARIES

It is with deep regret that we have to announce that during the past year the following members have died (the figure in brackets is the year of joining the Society):-

Dr. D.A. Wray (1949)
Mr. S.B. Joseph (1978)
Miss D.H. Marshall (1946)

Mrs. B. Taylor (1955)
Mrs. E. Gaskell (1982)

DISNEY ALEXANDER WRAY. PH.D., M.SC., F.G.S.

With the death of Dr. Wray on 13/12/1982, the Society lost one of its most distinguished members. Born at Horbury, Yorkshire in 1888, and educated at the Dewsbury Grammar School, he proceeded to the University of London where he obtained First Class Honours, a Scholarship and M.Sc. in the Faculty of Geology.

Employed as Geologist on the Survey of Britain, his main sphere was in the North of England, the official H.M.S.O. Handbook, "The Pennines and Adjacent Areas" being written by him. Geological exploration and prospecting, however, took him abroad to East Africa and Southern Europe until his Service with the R.A.M.C. during the First World War.

In 1949 Dr. Wray retired to Parkstone and immediately became an active member of the B.N.S.S., serving as Chairman of Geology, Council member, and President in 1957. He gave many lectures in which he showed a special ability for rendering expert knowledge in simple terms. His field-meetings were meticulously planned, and by his friendly approach to owners, he obtained access to many quarry-sites not usually open to visitors.

As a Vice-President and Honorary Life Member Dr. Wray's interest in the Society never ceased, though, after his move to Barton-on-Sea, he was rarely able to attend meetings. He leaves a daughter, Joan, to whom the Society extends very sincere sympathy.

N. Sephton.

MRS. BERYL TAYLOR

The death of Mrs. Taylor has taken from us a well-loved member and unusual personality. As Chairman of the Geology section from 1975 to 1982 she was indefatigable in arranging field meetings, near and far, and she took infinite trouble in preparing detailed and elaborate diagrams for the lectures which she herself gave to the Society.

She warmly acknowledged the loyal support which she received from her Deputy, Mrs. Molly Saunders, and together they re-catalogued the geological specimens in the museum, and for a long time exhibited different parts of the collection to members one afternoon a month.

Mrs. Taylor had her own individual views and her trenchant comments will be missed by members, as well as her contribution to our scientific activities.

P.E.W.

PALLADIO AND PALLADIAN ARCHITECTURE

BY MISS M.W.S. DAVIS

Delivered before the Society on the 8th October, 1983

I begin my address with a quotation taken from 'CIVILISATION' by the late Lord Clark: "The dazzling summit of human achievement represented by Michelangelo, Raphael and Leonardo da Vinci lasted for less than twenty years. It was followed (except in Venice) by a time of uneasiness often ending in disaster. For the first time since the great thaw civilised values were questioned and defied and for some years it looked as if the footholds won by the Renaissance - the discovery of the individual, the belief in human genius, the sense of harmony between man and his surroundings,- had been lost. Yet this was an inevitable process, and out of the confusion and brutality of sixteenth century Europe man emerged with new faculties and expanded powers of thought and expression."

It was into this world that Palladio emerged to become the first great professional architect, because unlike his predecessors, Giulio Romano and Michelangelo, architecture was the only art which he practised. He was the standard bearer of the late Renaissance from whom the classical Italian style called 'Palladianism' is named.

The word Palladian has come to stand for more than just a style of architecture. Attitudes to standards of living were conditioned and expressed by the insistence on order. The perfect Palladian style with its mathematical and structural integration of parts did not emerge at once, but rather evolved over the years into a harmonious whole. Palladio was the most imitated architect in history and his influence on the development of English and American architecture has probably been greater than all the other Renaissance architects combined. The architectural ideals of the Renaissance have never been more clearly expressed than in Palladio's introductory words to his work 'I QUATTRO LIBRI' published in 1570 in which he states: "Beauty shall result from order and from the relationship of the whole to the individual parts, of the parts to each other and of the part back to the whole; let form appear as a whole and perfect body in which each member corresponds to every other and in which all are necessary to fulfil the intention."

Andrea Palladio was born in Padua in 1508, the son of a miller. His original name was Andrea di Pietro della Gondola but he changed to Palladio in later life, as we shall hear. He was fortunate that he grew up during one of the most creative periods in the history of architecture, not in Rome or Florence where he might have become just another member of those schools, but rather in the one area where a Golden Age was in the making, the Republic of Venice. He was a contemporary and collaborator of the painters Veronese and Tintoretto and the sculptor Vittoria and died only three years after Titian. At the age of thirteen he was apprenticed to a stone carver in Padua, but after three years he broke his contract and ran away to Vicenza where for the next fourteen years he worked as an apprentice and assistant to Pedemoro and Pitoni, the stone carvers who did most of Vicenza's monuments and decorative sculpture, and became a member of the Stone Cutters' and Dressers' Guild. His early education was bookish and antiquarian and came from talking with learned noblemen, from the books of Vitruvius and Serlio, and from a few buildings such as those in Cornaro's garden and the ruins of Verona and Vicenza. Palladio would also have known the books on architecture of Serlio, who depicted the splendours of Rome. As if to acknowledge his debt Palladio modelled his own book a few years later on Serlio's rather than on Alberti and the Vitruvian tradition. Falconetto, the Veronese painter, who was employed to assist Cornaro in the design of his two garden structures, the pre-cursors of the Villa Cricoli, the first buildings in

the Veneto that tried to emulate the Roman Renaissance, was also another influence.

In 1534, Palladio married the daughter of a carpenter and had four children. He was a sincerely religious man and a devoted husband and father who gave his sons a gentleman's education.

At the age of thirty, in 1538, he was called to the outskirts of Vicenza to work on a new loggia and other additions that the Count Trissino had designed for his villa at Cricoli. This loggia was the first actual building in Vicenza composed in the classical style of the Roman Renaissance. The poet Trissino was a man of great gifts and very interested in the ancient world. As an amateur architect he watched the work on his villa and thus came in contact with the young Andrea whom he took under his wing and introduced to people of culture and wealth. He enjoyed sharing his learning and had several young architects living under his roof as students. He decided to house and educate Andrea with the young men and persuaded him to change his name to Palladio as being more suitable to a man of classical tastes. The name derives from Pallas Athene - Goddess of Wisdom. As Palladio was thirty, Trissino considered him too old for a complete classical education, so decided that his studies should be directed to architectural subjects only. It was on his first trip to Rome in 1541 that he started his analysis of the architecture of the past that was to form the basis of his later works. In the formative years his work was more erratic in style and quality than that of any other apprentice to the profession in the Renaissance. However, he matured suddenly and produced such masterpieces as the Palazzo Chiericati, Villa Rotonda and Villa Thiene, which were wholly new and completely his own designs.

His first public commission in 1541 was to construct a two storey loggia around the Palazzo della Ragione, the great meeting hall of Vicenza's Council of Five Hundred (now referred to as the Basilica). It was under construction until 1607, after Palladio's death. Its reputation as Palladio's outstanding and characteristic design is due to its size, elegance and favoured position on Vicenza's major square. Across the square from the Basilica is the Loggia de Capitaniato, where the weapons were kept by the Guard. The loggia was designed by Palladio and carried out in brick.

During his life Palladio travelled extensively in Italy to Naples and Rome and into Provence to fulfil his ambition to study ancient architecture. Of the twenty surviving villas which he built in the countryside for rich noblemen, who wished to farm and escape from the heat and smells of Venice, and other cities, the following are the most important.

The Villa Rotonda

The Villa Rotonda in Vicenza probably exercised as great an influence on English domestic architecture of the first half of the eighteenth century as any single building in Europe. Chiswick House and Mereworth Castle were modelled on its unusual design, while in countless other English country houses some part or parts are imitated. Who has not seen in England the Palladian portico added to the old house to bring it into fashion? e.g. The Vyne and Stratfield Saye. Strictly speaking, the Rotonda is not a villa but a belvedere because it stands on a hill-top, is very near a town, and has no farm buildings. It was, in fact, designed not for a gentleman farmer but a Monsignor who used it for parties; its porticoes were designed for gazing over the countryside. The little hill upon which it stands commands a perfect view in every direction; the Berici hills encircle the south and west sides, while to the east and north there is the magnificent sweep of the Vicenzan plain and the valley of the Brenta. In plan, it is a perfect circle in a perfect square. Columned porticoes in the form of classical temple fronts stand on all four sides of the square. The regularity of the exterior is matched by the arrangement of the interior around a circular domed hall. Villa Rotonda was designed to be seen not as a building on a hill but as the summit of the hill. The stairways assume the slope of the land and as the villa crowns the hill, so the dome, rising from the gentle slope of the roof, crowns the villa. The central plan with arms radiating from the

core means that the Rotonda looks equally good from all viewpoints. The farm buildings which formed an integral part of Palladio's villa designs are hidden behind the alley walls and are not an extension of the house. They were added in the eighteenth century. The most striking characteristic of the Rotonda today is its splendour and simplicity. It is a small house, judged by English country house standards, and one to be lived in and enjoyed. The central chamber is cunningly contrived to mitigate the damp heat of the Venetian summer. The cross draughts from the shaded porticoes, the interior walls which never feel the heat of the sun, together with the four small and four medium sized rooms, make an elegant but simple dwelling. The roof tiles were soaked in the dregs of wine vats in order to give them a pleasing purple-red richness.

The Villa Badoer

The Villa Badoer at Fratta Polesina was designed in 1556 for Francesco Badoer. It consists of a central block with inset Ionic portico and curved colonnaded wings of a type frequently copied in later years. Fresco decoration with 'grottesche' by Florentino has been uncovered from under plaster during recent restoration work. A grand stairway leads up to the facades ending in a Doric loggia and the proportions of the house are pleasing.

Two other villas - the Villa Emo at Fanzolo and Villa Barbaro at Maser resemble this villa in design. Farm buildings or 'barchesse' (the Venetian term) flank the central block of the house presenting a unified facade. The central block is raised above the colonnades of the farm buildings with kitchen and cellars below, while above the piano nobile the granaries are found.

Another of Palladio's rich patrons was Foscari who requested a summer house to be built on the borders of the Brenta Canal at Mira. This was the Villa Malcontenta. The name is said to derive from the legend of a girl in the Foscari family who was exiled to the villa for having betrayed her husband. The building is cube-like in form with an imposing Ionic portico on the canal front, and a more traditional Venetian facade on the garden side. Elaborate fresco decoration by Zelotti has been restored after war damage. It was intended as a villa suburbana and so did not have farm buildings. This was the building which brought fame among his contemporaries to the young Palladio and in its design one sees the nucleus of what was later going to reach its apex in the Rotonda.

One of the most famous and exquisite of Palladio's villas is the Villa Barbaro which he designed in the late 1550's for the Vitruvian scholar Daniele Barbaro and his brother Antonio, both men of great taste and learning. Severely classical, it stands on a carefully chosen site in the fields and consists of a central block with arcaded wings terminating in pavilions. The principal rooms were frescoed by the artist Veronese and the splendid stucco decorations were carried out by Vittoria. Veronese was a master of trompe d'oeil and there are frescoed doors that seem to reveal members of the family and staff entering the real space of the rooms. Behind the main block and the arcades on a terrace at the height of the piano nobile, there is an enclosed court with an antiquarian's nymphaeum, its niches filled with sculpture by Vittoria. The grotto of Neptune in the garden was frescoed by Veronese and the small temple, used as a chapel, was designed by Palladio. So we see that Maser represented the best of two worlds - the farmer's and the gentleman's. This union was quite new in Renaissance architecture. It is not a suburban retreat but the principal house of its builders, elevated from the surroundings to give a view of the fields and orchards of the estate, but effectively it is in the fields. Farm equipment and animals are kept in the long arcades flanking the main block and there were dovescotes under the arches. Maser really functioned as a farm and the Barbaro brothers were not there simply to escape the heat of Venice but to make sure that the crops were good so that they could live in luxury.

To help him keep an eye on the construction work of his villas (as many as three going up at a time) Palladio floated leisurely up and down the Brenta on a splendid gilded barge, equipped with a studio for his apprentices and shaded by a yellow and black linen awning.

The next villa we consider is the Villa Emo built for Leonardo Emo in 1561-4. It has remained in the same family for over four hundred years, a fact which has given it a quality which has been denied to its more famous neighbour at Maser. Although it has a central block with arcaded wings, the whole effect is very different from that of Barbaro. This villa is a much more down to earth design intended for a conservative patron, with a severe Doric inset portico and a ramp instead of steps. Palladio designed a flight of steps leading up to the portico but Emo insisted on a ramp as he wished to use it for threshing his corn, which would later be stored in the attics above the piano nobile. Dovecotes at the end of each wing of colonnaded farm buildings give the effect of small turrets. The villa belongs to the middle period of Palladio and the frescoes in the main block remain in an almost perfect state of preservation. Zelotti painted them in a more serious mood than Veronese's witty decoration at Maser.

The Villa Pisani outside the walls of the little fortified town of Montagnana belongs to the group of town villas. It has two major storeys and pedimented porches with open colonnades on both levels. However, there were no extensions for agricultural services neither were the attics planned for grain storage as at the Villa Poiana Maggiore. The latter villa is now used as a farm with peasants living in the seventeenth century wing. It demonstrates Palladio's unique use of external stairs which lead up to the piano nobile where the main rooms are found. The owners rarely used the internal stairs which in Palladio's villas are hidden away in corners, unlike the impressive structures which they became in the eighteenth century Palladian houses.

In 1551, in Vicenza, a nobleman named Chiericati obtained permission to build a palace in an empty area called Isola on the edge of town not far from the river bank. Palladio was given the work and the building he produced anticipated the Baroque style. He abandoned the usual form of solid mass so that only the projecting central part of the upper storey formed the facade and he set the wings and the entire lower storey back behind open colonnades. The city had allowed Chiericati to build out over public ground so as to gain more space for himself above. The ceilings in the Palace were painted by Tiepolo and Veronese and the building is now used as a civic museum and contains many treasures.

In 1554 Palladio made his last trip to Rome after which he published 'LE ANTICHTITA DI ROMA' which was the first pocket guide book to ancient remains.

Besides villas and palaces, Palladio designed churches and of these San Giorgio Maggiore, in Venice, is the most important. It was begun in 1556, commissioned by a Benedictine monastery and completed after Palladio's death by Scamozzi using his designs. The famous view from the Piazzetta brings home to the spectator Palladio's maxim that the facade of a church should enjoy a commanding position. Here he achieved an elegant integration of two temple-fronts, starting the orders at different heights and relating them to the nave and aisles within the building. Light from the high thermal windows illuminated the whole interior symbolising the purity of the faith. The monks' choir seen through a screen of columns is based on Palladio's reconstruction of the Temple of Jove at Rome. The shape of the monks' refectory was governed by an existing building but Palladio made it a hall of great grandeur and simplicity. Approached through a classical atrium, his great thermal windows, which would have flooded it with light, have been boarded up for many years and the huge painting of the Marriage at Cana, which Veronese painted, is now in the Louvre, appropriated by Napoleon for France. The monastery buildings are now used by the Fondazione Clini as a school for orphans where they are trained to be craftsmen in restoration work. The school was founded in memory of Clini's son who was killed in a motor crash after the last war. From whatever angle these buildings are viewed they present a harmonious whole.

By 1570 Palladio was ready to publish his famous work "I QUATTRO LIBRI DELL' ARCHITETTURA". The four parts: Fundamentals of Architecture and the Orders, Domestic Design, Public and Urban Design and Engineering, and Temples, were addressed to practising architects who were more interested in building than in theory. The publication of this work inspired future generations from the eighteenth century onwards to build great country houses in England, Germany,

Holland and Russia and even influenced American architecture.

Finally, Palladio moved to Venice and was commissioned by the Government to design a votive church, the Redentore, to commemorate the deliverance of the City of Venice from the plague in 1575-6. He would have preferred the 'ideal shape' of a centrally planned building, but a Latin cross formed with a nave was necessary to receive the procession which the Doge and Senators made annually across a bridge of boats. The facade is complex consisting of three interlocking temple-fronts, the base concealed by an imposing flight of steps. The interior has the grandeur of Palladio's Roman bath constructions while the stark simplicity of the monks' choir seen through a giant order of columns forms a dramatic contrast and recalls his designs for the theatre.

During the last year of his life in 1580 Palladio designed the Teatro Olimpico for the Accademia Olimpica of which he was a member. It was the first covered theatre in Europe and stands in a small garden, in Vicenza. Constructed of timber and stucco it follows the rules laid down by Vitruvius for the construction of the theatres of antiquity. There is a permanent stage setting which is a triumph of perspective so that one sees endless vistas and the acoustics are perfect. The theatre was completed by Scamozzi to Palladio's designs and opened in 1585 with a performance of Sophocles 'Oedipus Rex'.

Now for a brief reference to Palladio's influence on successive generations of architects.

Inigo Jones, in 1615, visited Italy to study Italian antiquities and the buildings designed by Palladio and he was to use Palladio's book 'I QUATTRO LIBRI' throughout his career and almost all his architecture is modelled on Palladian concepts. After his visit to Italy Jones was made Surveyor to the Crown which placed him in charge of all royal buildings. His buildings must have seemed revolutionary to the English.

The Banqueting Hall for Whitehall Palace 1619-21 with its related proportions, superimposed orders set against walls and vast raised decorations showed that Inigo Jones had absorbed Italian forms and could use his knowledge to create a new and original work. Another of his masterpieces is the Queen's House, Greenwich.

Sir Christopher Wren, 1632-1723, that great designer of churches and colleges, was influenced by Inigo Jones' work and Palladio's book which he used in his design for Hampton Court.

Then we come to Lord Burlington, 1694-1753, who while making the Grand Tour of France and Italy purchased many of Palladio's designs and brought them back to England, where they are treasured by the Royal Institute of British Architects. Burlington became known as the High Priest of Palladianism in England and for thirty years dominated architectural taste. He believed that the time had come to return to ancient architecture as exemplified by Palladio. Burlington, therefore, designed the Villa at Chiswick - note the similarity to La Rotonda - as a temple of the arts. Ordinary living activities were to continue in the old Chiswick House nearby.

Many other English architects of the eighteenth century were influenced by Palladio and there evolved a school of English Palladianism. Some examples of country houses with added porticoes are The Vyne, Stratfield Saye and Avington Park, while Stourhead, Houghton Hall, and Basildon Park are just a few buildings in which the architects adapted Palladian principles to suit English landscape and life.

Now we move to America. Thomas Jefferson was one of the main exponents of Palladianism in the United States in the eighteenth century. He designed the University of Virginia as an extended Villa Melado and his own property Monticello was based partly on the Rotonda, while the plantation owners of Virginia raised Georgian buildings on Palladian plans.

To bring us into the twentieth century, an article in The Times in August 1983 stated that the architect Quinlan Terry, who is a classical revivalist, designed a neo-Palladian country house in Hertfordshire in 1970 and is still busy drawing up plans with the same theme.

To sum up Palladio's life: "Rome my mistress, Vitruvius my master, Architecture my life". Such was the trinity acknowledged by Andrea Palladio who re-designed the classic style of Greece and Rome with such authority and elegance that his Palladian style became one of the longest lasting and most widely accepted idioms in the history of architecture. He was a master at building palaces, convents and churches. His country villas, built for a merchant aristocracy that had just discovered the country way of life, have impressed succeeding generations and he took the massive awe-inspiring design of Rome and domesticated it in terms of an intimate yet princely style. The villas had wide doors and large windows overlooking fine views of water gardens and river prospects, while linking the main porticoed mass to the grounds were colonnades on either side. This device, used in England or Virginia, set the building harmoniously in the landscape.

Although my talk has, of necessity, been brief, I hope that it has conveyed to you some of the essence of the man Palladio and his style of architecture.

THE 80TH REPORT OF THE COUNCIL FOR THE YEAR ENDED 30TH SEPTEMBER 1983.

The 80th year of the Society's existence has proved to be quite significant in its history. Not only has the customary programme of lectures and field meetings been maintained at its usual high standard but a number of events out of the routine have taken place with great success.

The year started with the receipt of a substantial payment on account of a legacy from the estate of the late James Trevor-White. Some of the capital has been devoted to the improvement of the lecture hall at No. 39 and the rest invested. From the income thus obtained an allocation of £100 per annum has been made to the Library Committee for the purchase of books based upon suggestions put forward by the Heads of Sections.

The Council decided to mark the 80th anniversary by holding an informal luncheon for all members at the beginning of September and by inviting the Editor of the Bournemouth Evening Echo to address the Society. Over 50 members attended the lunch and the lecture many more. The paper also gave valuable publicity to the Society by printing a feature article on the anniversary and also fully reported the Editor's talk.

For the continued high standard of lectures and field meetings we are indebted to the Heads of Sections and the Chairman of their committee, Mrs. L. Maddox. To these our thanks and to the field meeting leaders for the time, effort and thought given to produce an attractive programme for members. Our own members have contributed substantially to the programme of lectures, supplemented on a number of occasions by visiting speakers. The monthly film shows arranged by Mr. Bradley Martin during the winter months attract a large audience and we are indebted to Mr. Martin for the care with which he selects and presents the programmes. The entire indoor programme would not be possible without the support of the projectionists, Messrs J.C. Mitton, T.A. Crawshaw and W. Hardy who are regularly in attendance to show the slides or films so essential to our enjoyment. Our warmest thanks to them.

Joint meetings with kindred bodies are a way of broadening horizons and sharing interests. The annual meetings with members of the Royal Horticultural Society have always produced capacity audiences and those with the Dorset Naturalist Trust are also well supported. We hope to continue these meetings and to extend the range when opportunity offers.

The Library is maintained in good order by Mr. R.E. Harwood, the librarian, and his hard working helpers who meet every Tuesday morning to keep things in order. The stock of books has been added to during the year by many valuable gifts and by purchases. A very large number of members gain much enjoyment and knowledge by the use of this valued resource of the Society.

The Museum is perhaps the least exploited of the Society's assets. There are valuable collections covering most of the sciences in which the Society is interested and too few members either know what is available or make any use of the specimens. The Council has now approved a suggestion that the Museum Committee, on which all sections are represented, look into ways in which special displays can publicise interesting items. This general criticism must be tempered by a recognition of the way in which Miss K.M. Bennetts regularly maintains the Diorama, Mrs. Stella Thomas attends the Botanical records in the Herbarium, and the attention which Miss Margaret Brooks and Mr. J.L. Brooks are giving to the Butterfly collection.

The Social activities, the Christmas Party and the Garden Party, arranged by Miss Ruth Winter and her team were well supported and enjoyed. They additionally raised substantial sums for contribution to the Society which has enabled us to operate within our income. Grateful thanks are accorded to Miss Winter and her committee. The social programme was supplemented this year by 'Kitchen Capers' organised by our devoted 'Tea Ladies'. A highly successful afternoon of sales and entertainment raised enough money to pay for the redecoration of the Kitchen, purchase crockery and make a donation to the funds of the Society.

The Tea Committee under the leadership of Mrs. Mollie Parkinson are thanked most warmly for their continued contribution to the friendly atmosphere of the Society and for their enthusiastic support in so many ways.

39 Christchurch Road, our valued house and meeting place, has received its share of attention this year. Most noticeable must be the provision of a suspended ceiling in the Lecture Hall made possible by the James Trevor-White legacy. The resultant improvement in the lighting, acoustics and general comfort of the Hall will be enjoyed by members for years to come. The redecoration of the rest of the Hall will be undertaken as soon as funds will permit. The redecoration of the Kitchen, already referred to, and the Mummy display case are also welcome improvements. Additionally it has been necessary to spend money on the renewal of drains, the windows on the west side of the Lecture Hall, and other minor items to maintain our property. There have been small changes in room allocations during the year in that the Dark Room, long under used, has been made a store and room 18 has been taken over by the D.N.T.

The Dorset Naturalist Trust and The Bournemouth Camera Club, our valued tenants have each this year negotiated new agreements. The D.N.T. entered into a new lease for a further 3 years on very favourable terms and we have adjusted the rent paid by the Camera Club to assist them over a difficult period.

We would like to increase the usage of the newly refurbished hall in the coming year and are hopeful of some developments.

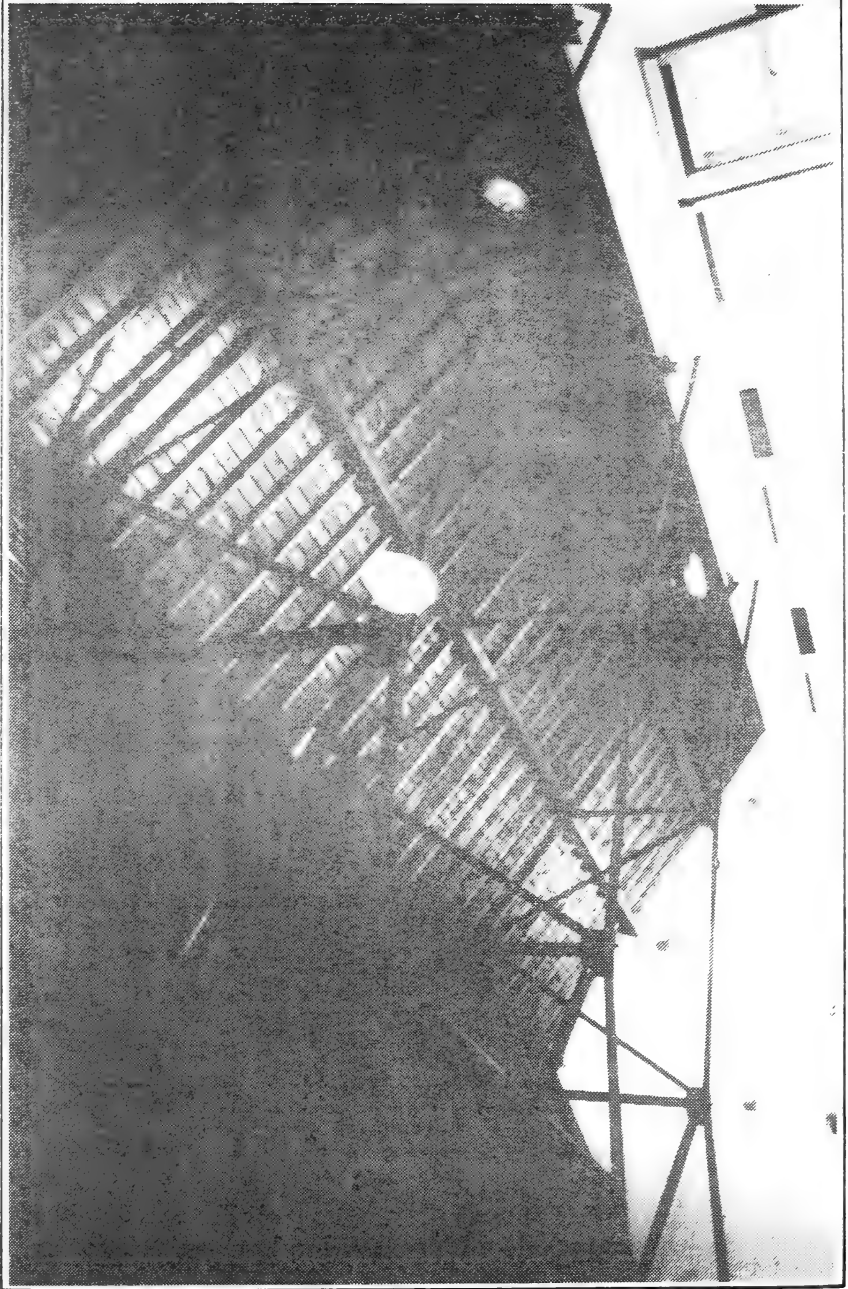
The Rules under which the Society is administered were found to be in need of updating; they were last amended in 1976. The Officers, Finance and General Purposes Committee and the Council have all devoted much time and thought to the revision. The alterations have been confined to rewording, updating and modernisation to accord with modern practice. There will be no changes to our policies as a result of the revisions and it is hoped that when they are put before the Annual General Meeting for adoption they will be accepted without difficulty.

The membership of the Society stands at nearly 500 at the end of the year slightly up on last year. A membership total of 500 and upward increases our subscription income and adds to the security of our operation. We would therefore appeal to all our members to use their influence to introduce their friends to join us. We are confident that we offer the best value for money of any learned society in the area.

Some 14% of our members take an active part in running the Society, a very impressive figure; in so doing they help to make the programme more representative and doubtless find much satisfaction and friendship in the process. This figure does not include the many members who prepare and present lectures.

The year started with a new Chairman of Council in the person of Mr. George Parkinson and although he has said that he was nervous at the start he has

LECTURE HALL - OLD AND NEW





AFTER

managed our meetings with great skill and authority. We hope he will continue many years in the office.

Miss K.M. Bennetts has carried out her second term as President with her usual enthusiasm and interest in all the activities of the Society, and we are all most appreciative of her leadership in what has been a successful year.

Mr. Reg. Wall retired as Treasurer during the year after making a valuable contribution to the management of the finances, he has been succeeded by Philip Whieldon who is continuing to look after our affairs very efficiently and with attention to detail.

Mr. S.C.S. Brown has given up the job of Editor after many years quietly and efficiently producing the Society's 'Proceedings'. He is succeeded by Miss Phyllis Winter.

Mr. W.A. Bray will not be seeking re-election as Curator of the Museum and Mr. G. Teasdill has kindly agreed to assume these duties again, if this proves acceptable to the A.G.M. Our thanks go to Mr. Bray.

The work of the Section Heads has already been referred to. To them, the Vice Presidents, Committee members and all office holders we tender our thanks for all they do to advance the interests of this much loved Society.

The finances of the Society, as already indicated are now under the care of Mr. Philip Whieldon. With his support, that of his predecessor and on the recommendation of knowledgeable members of the F&GP Committee we have kept our investments under review. The insurance cover for the Museum specimens has been revised following a re-valuation exercise undertaken by members of the Museum Committee. They were specially helped in this task by Mr. G. Teasdill as a museum expert and Mr. Bradley Martin with his experience in insurance.

The accounts for the year show a deficit of normal income over expenditure due to the capital items already referred to. We watch all expenditure very carefully and have been able to effect some economies. The budget for the coming year indicates that without unforeseen expenditure and with some help from our usual money making social events we should get through without any increase in subscription. This is a matter which must always be kept under review and our aim is to provide members with the best possible value for money.

We cannot end this report without a tribute to our house-keeper and her husband. Mrs. Garlinge carries out her duties with quiet efficiency and often with the help of Mr. Garlinge. Mr. Garlinge has also been of great help in the maintenance of the building and they both tackle many jobs far beyond the call of duty. We are most appreciative of their continued interest and support. Our long serving gardener has been putting in extra time this year and the garden always looks in good order and a pleasant place to be in.

The continued support of an enthusiastic membership, a steady stream of applications to join the Society and always an attractive programme enables your Council to expect that 1983/4 under the Presidency of Miss M.W.S. Davis will be at least as happy and successful as in years past.

F.R. Watson, Secretary

From the Chairman of Council:

Members will no doubt have noticed that nowhere in the foregoing report has any mention been made of the outstanding contribution made to the affairs of our Society by our hardworking and efficient Hon. Secretary, Mr. F.R. Watson.

It was largely due to his initiative that at long last the work of putting in the suspended ceiling in the lecture hall was carried out after untold years of discussion on the desirability of doing so.

Another of his innovations was the Anniversary Luncheon which many members are hoping will become an annual event.

Without the expertise of Mr. Watson and his professionalism my position as your Chairman would undoubtedly have been a great deal more onerous.

I extend to him on both my own behalf and that of the Society our sincere thanks for his dedication to the Society's well being.

THE 80TH ANNIVERSARY

This year the Society celebrated its 80th anniversary and marked the occasion with a luncheon at the Majestic Hotel, Derby Road, where the guest of honour was Mr. W.M. Hill, the Editor of the Bournemouth Evening Echo, who afterwards addressed the Society.

Autumn gales lashed the coast the day before, but the temperature rose and the sun shone on Saturday, September 3, 1983, as we met at the Majestic Hotel. It was a festive gathering, the room attractively decorated, with good food and wine to cheer and delight.

Past Presidents in large numbers were able to attend and were very welcome and it was especially appropriate that the 80th anniversary should be held in the second Presidency of Miss K. Milner Bennetts who serves the Society so devotedly.

Afterwards we made our way in good spirits to our new hall at No. 39, suitably refurbished and modernised in our 80th year, to hear a lively and witty address from our guest. Mr. Hill delighted us with references to the issue of the Echo in 1903 when B.N.S.S. was born (or reborn), and skilfully compared the news in that edition with the problems of to-day, making the point that it is newspapers that provide living history on a large scale.

His suggestion that the editor of the Echo be invited to the next 80th anniversary in 2063 A.D. is noted, but the invitation may come sooner, perhaps in our centenary in 2003 A.D., to which we all now look forward.

P.E. Winter

MISS K. MILNER BENNETTS WRITES:

For the benefit of newly joined members I will give a skeleton outline of the early days of our Society.

Two earlier societies could be considered as the precursors of our Society. The first was formed between 1868-1870. The second Natural Science Society was inaugurated in 1883. Members met in a suite of rooms loaned by Mr. Bright of the Bournemouth Arcade. This Society existed until 1893, a period of 10 years.

Although the Society was defunct, the spirit of it was kept alive by the untiring efforts of Miss Agnes Rooper and other dedicated people of the earlier society. They met in each other's homes to read scientific papers.

In February 1901 an advertisement for a room for meetings was inserted in the Bournemouth Echo. Through that accommodation was found on the upper floor above Thicks Boot Shop, 122 Old Christchurch Road (now the Leeds Building Society). Later other premises were used in St. Peter's Road, The Grand Hotel and Granville Chambers on Richmond Hill. It was about 1901 that our Society began to take shape.

The first Minute in the first Minute book of our Society was recorded on November 2nd 1903. At that time there were five sections - Antiquarian, Botanical, Geological, Physical and Zoological; other sections were added later.

In 1912, the New Municipal College at the Lansdowne was being built and permission was granted to loan one large ground floor room which the society continued to occupy until 1919, when the loan was withdrawn because of a large influx of students.

The Society still had nowhere to store the numerous purchases, and gifts of books, exhibits and collections of specimens of geology, entomology, ornithology, botany, conchology and Egyptology. The position now became critical and a decision had to be made to acquire premises of its own. The property chosen was Basendale, 39 Christchurch Road, for which the sum paid was £3000, the money raised by debentures. It was formally opened at an 'At Home' on Saturday, 7th February 1919.

Structural interior alteration had to be made to make more room for lectures. The wall between two adjacent main rooms was removed. It is now part of our museum containing the major collections of geology, entomology and ornithology. With increasing membership this room too became inadequate for lectures so an addition to the building was made in the shape of the present lecture hall, with a seating capacity for 120-130 members. Also a projection room was added from which both cine and still programmes can be shown. The work was completed in 1929.

And now to 1983 when the lecture hall has been modernised, thanks to the bequest of a member, the late Mr. Trevor-White. It might be appropriate at this juncture to express to members past and present our appreciation of their generous gifts of specimens, collections, books, slides and donations, which enable the society to offer a wide spectrum of lectures in all sections to members and to the public.

I feel sure you will agree that we can look back with pride on the first 80 years and we can look forward with confidence to the future.

MISS M.M. BROOKS WRITES:

During restoration work on the Crallan collection of British lepidoptera, Mr. John Brooks discovered evidence of an episode from the Society's early history. The largest and most ornate cabinet, bearing Mr. Crallan's carved monogram, contains thirty nine drawers of similar design, and a fortieth drawer of a quite different pattern. Underneath the base of this last drawer, in copper-plate handwriting, is a message full of pent-up frustration and defiance:-

"This drawer is the plan made by John Fowler the architect, builder and carver of this cabinet versus the design of E.C. Rogers Esq. and G.E.J. Crallan Esq. which all the other drawers are made from, and the said John Fowler believes it to be the best."

ARCHAEOLOGY AND HISTORY

Last year at the request of the Editor our contribution to the Proceedings was made as brief as possible. This year a new Editor has requested that it should be the same length as last year.

Fortunately a full list of the most interesting lectures that we have enjoyed during the year will appear elsewhere in the Proceedings and we would like to take this opportunity to thank all those kind ladies and gentlemen who have so freely given of their time and talents to make our programme so fascinating. Again the Section had the benefit of a lecture from the reigning President, this time Miss K. Milner Bennetts, F.Z.S.

There have been no Cultural Visits or Field Meetings this year, but we have now been able to negotiate some arrangements which will make them easier to arrange in future sessions.

Our last lecturer of the Session, Councillor P. Munro-Walker described in detail the Court Life of the Antonine Emperors from contemporary sources and illustrated his talk with some excellent slides of coins of the period. Particular interest was expressed in Hadrian and Antoninus Pius, the two Roman Emperors, who built walls across Britain to protect what is now England and Southern Scotland from the then inhabitants of the Northern part of Scotland. Special coins issued to commemorate the Emperor Hadrian's visit to Britain were illustrated along with some beautiful portraits of not only the Emperors, but their wives as well, showing some very beautiful women, with most attractive hair styles. He demonstrated the influence of the Ancient Greek philosophers on some of the Emperors,

and described in detail the elective system of the Antonine Dynasty in contrast to the normal hereditary principle of Imperial selection in the Roman Empire.

GRAHAM TEASDILL, Chairman.

ASTRONOMY

On October 2nd 1982, a talk was given by Colin Pither entitled "Time by the Stars", Colin is a well known local amateur astronomer and chairman of the Wessex Astronomical Society. In the talk he stressed the fact that the basis of our reckoning of time rests on the two fundamental astronomical units of time - the solar day and the tropical year. Thus it causes no surprise to us to realise that the heavens can be regarded as a huge clock. There are simple rules to enable an observer to determine his local time from the aspect of the night sky.

On December 18th, Geoff Kirby gave a lecture on "Hitch Hiker's Guide to the Universe." Geoff is an experienced amateur astronomer who lives in Weymouth. He gave a panoramic survey of the universe, covering every aspect of astronomy. He copiously illustrated his lecture with many beautiful slides. These included photographs of astronomical bodies taken both by earth-bound observations and by space probes.

In the New Year, on January 15th, our well known local eclipse chaser, Adrian Owen, gave another of his eclipse talks. This time it was about a total lunar eclipse he had observed from Arizona the previous summer. As usual, his talk was beautifully illustrated with slides and it was a fascinating travelogue as well as an astronomical expedition.

On February 19th, Dr. Peter Clifford gave a lecture on "The Violent Inter-Stellar Medium." He had very recently completed his Ph.D. thesis on this topic and brought up-to-date knowledge and authority about this important branch of astrophysics. With the aid of viewgraphs he explained the importance of the inter-stellar gas and dust clouds in star formation, molecular distribution and galactic dynamics.

Finally, on March 19th, Mrs. Julia Bateson gave a talk on "Black holes, Antimatter and Quarks." As Miss Julia Wilken, Julia had given a much appreciated talk to the Society about Infra Red Astronomy the previous year. She gave a very clear description of the theoretical basis for these exotic objects called "black holes." Another unusual topic discussed was "antimatter" - the mirror image of matter. Finally, the modern theory of sub-nuclear particles, or "quarks" was briefly outlined. The strange nature of all these subjects both intrigued and astonished the audience. The talk was illustrated by her own viewgraphs.

Graeme Nash, Chairman.

BOTANY

The vagaries of the weather always bring the unexpected to our field meetings, so this past year was certainly enjoyably different!

During the last quarter of 1982 although the plants in flower were few, many interesting fungi were found and in the early months of this year we observed the gradual flowering of the trees. The meetings then were somewhat marred by the indifferent and non-productive weather but the summer which followed gave us some of the most enjoyable and fulfilling visits to both old and new locations. By the end of June, Gentians and Orchids appeared and continued in profusion throughout the better weather bringing September to a close with a wealth of Autumn Gentian (*Gentianella amarella*). I am very happy to thank Mr.

R.G. Lees for his patience and perseverance in leading; Miss M. Blower for her persistent and fruitful seeking; and Mr. H. Ambrose, Mrs. A. Leonard and Mrs. M. Saunders for their supportive and helpful enthusiasm in guiding and encouraging the regular followers. In this connection I think we are all pleased to welcome those newer members whose interest has led them into wider understanding.

In October Miss Horsfall gave us quite an adventure with her as a Naturalist in Eastern Africa and thrilled us with her slides. She was followed in November by Mr. Bartram who gave us beautiful illustrations and more detail of the application and history of herbs. In the following month, in complete contrast, Mrs. Welton told us about her special stretch of shore which, under her guidance, we were able to visit and explore in the following April. February brought Mr. Hooker's delightful pictures accompanied by such apt explanation that no questions were necessary, and Mr. Davidson of the Royal Horticultural Society showed us the more practical side of indoor gardening while Mr. Lockwood gave us the benefit of his experience by introducing us to some new, and reminding us of older well-tried species, for the garden outside.

Mr. Oldham's sensitive treatment of the blending of architecture and garden was an informative prelude to Mrs. Hunt's charming illustrations and comments on a tour of several gardens.

In August Mr. Clayton gave us a foretaste of the changing beauty of Wisley Garden which he followed a fortnight later by guiding us over that garden. The combination of a smooth coach run, outstandingly good weather and Mr. Clayton's expert and courteous guidance made this a supremely successful visit.

Mr. Whitsed often accompanied us on Field Meetings and is a remarkable photographer. He was able to show not only exciting and detailed enlargements of the plants sought, and sometimes found, but also some of the seekers.

Stella Thomas, Chairman.

GENERAL

A New Forest film recorded by Mrs. R.E.S. Bell (now deceased) with a commentary by Dr. T.M. Bell depicted the life and activities of foresters and their animals. Shots were taken at all seasons to indicate the flora and fauna appropriate to them. Particularly interesting were those of ponies and deer searching for food in the snow; red stags embellishing their antlers with bracken and the danger on the roads to which animals were subjected.

Dr. Bell gave a preliminary talk on the history of the New Forest.

Mr. Gwyn Williams spoke on India, Nepal and Sri Lanka, in each country describing the people, their environment and work, mainly agricultural practices and crafts. Slides were shown of Old Delhi and New Delhi's Legislative buildings, Agra and the Taj Mahal and also many less well known temples in Nepal, particularly in Katmandu. Sadly, many of them are in disrepair. In contrast to buildings a visit to Chitwan National Park provided Mr. Williams with many shots of one horned Indian rhino and tiger photographed from the back of elephant transport and canoe.

Mrs. Ann Leonard in her illustrated talk on the Amazing Amazon traced the history, from primordial times to the present, of the largest river by volume in the world. Emphasis was placed on the fact that in vast tropical rain forest a multitude of plants, animals and insects have evolved without interference for perhaps 60,000,000 years, to fill every niche in the waterlogged wilderness.

Mr. and Mrs. H.C. Heales presented a programme entitled Atlantic to Pacific - a Canadian Journey, illustrated by slides with musical accompaniment by Canadian military bands and folk music each representative of the Provinces. The Heales' visit coincided with the celebration of 100 years as a nation.

The Dominion of Canada came into being on July 1st 1867, which date has since been the national holiday of Canada.

'In the Steps of Thomas Hardy' was the theme of a lecture given by Mr. H.C. Oram. Thomas Hardy was born on 2nd June 1840 at Upper Bockhampton, near Dorchester. His ability as an architectural student brought him in contact with a Dorchester architect, Mr. Hicks, to whom he was articled. He later proceeded to King's College, London, where he was introduced to the renowned architect, Sir Arthur Blomfield.

Hardy's love and understanding of the natives and country-side stimulated him to write novels and poetry, taking as models people and places around him. He was torn between a career as an architect or that of a writer.

In 1883 he built a house 'Max Gate,' near Dorchester where he continued to write prose and poetry. He was famous for his prose and poetry written in the local dialect.

Hardy died at Max Gate on 11th January 1928. His body was buried in Westminster Abbey, but his heart was interred at Stinsford Church.

Miss Isabel Hynd gave an interesting lecture on Swaziland - A Nation Emerging. Comparisons of life style before and after Independence in 1968 depicted many changes. Dirt tracks and tiny "beehive" shacks were replaced by tar macadam roads around the capital Mbabane. Modern houses, shops, Government buildings, schools, colleges and hospitals were constructed. Dams were built to provide water and other amenities for the people and also for irrigation. The chief crops are bananas, pineapples and sugar.

Miss Hynd showed many slides of the beautiful mountainous surroundings and its flora and colourful people. Particular emphasis was given to the pageantry of Independence Day led by the late King Sobhuza II.

Miss K.M. Bennetts, Chairman

GEOGRAPHY

This year the lectures have been very interesting and have covered many parts of the world.

The Chairman began the session with an illustrated talk on the "Island of Elba" in which she contrasted the three different parts of the island, mining and tourism and the mountainous western side.

In November we welcomed Mr. J. Wallis, the retired Dorset bridge engineer, who gave a fascinating talk on the "Bridges of South Dorset." He had a fund of historical anecdotes and obviously loved the old Dorset stone bridges which had been in his care. Mrs. C. O'Shea in December took us on a thrilling visit to Tibet - a country only just opened to the West since the Chinese annexed it. We saw pictures of the Forbidden City and its inhabitants and several monasteries including Drepung, the largest in the world, and the beautiful Potala Palace, from which the Dalai Lama once ruled. In January, we welcomed a member, Mrs. J. Gray who took us on a "Peruvian Journey" up into the high Andes to see the old Inca capital Machu Picchu. On this tour she and her companions were walking at 16,000 ft!! with magnificent views of the mountains.

Mr. Bradley-Martin, in February, gave an illustrated talk on "Bermuda". He described how the island was colonised through the shipwreck of a vessel under the command of a Dorset man - Sir George Summers. His slides showed beautiful beaches and luxury hotels and the inhabitants who are of different races.

During March Mr. Peter Down, a local architect, gave a fascinating talk on "Japan - Buildings Old and New" in which he contrasted the unusual modern buildings with the old wooden temples and gardens.

Another member, Mr. L. Shepherd, took us on the Southdowns walk along the top of the hills, a distance in all of 80 miles. He hoped to walk along another of the coastal paths this year so we look forward to his talk next season .

In May Mr. Eames returned to give us the second part of his tour of Northern India and Nepal. He had spent some years in India in the last war and so was able to give us a background knowledge of the changes that have happened. He had some good pictures including some of the Taj Mahal.

The speaker for June, Mr. H. Chaney, was unable to give us his talk, owing to an accident which befell him. However, Mr. W.H. Lee valiantly stepped into the breach with his talk on "The Development of the Arch" in which he traced the arch through history from the Greeks to Early English and Decorated church windows.

Another member, Mrs. J. George, took us around "Some Favourite Gardens," in July, showing beautiful flowers and vistas in properties in the area and far away.

We welcomed a new speaker in late July, Mrs. M. Bright, who gave an audio visual presentation of her journey "Overland to Katmandu". Fine photography and incidental music made this talk a highlight.

In September the year was brought to a close with another "tour de force" in which Miss Kathleen Parkinson - over in England for her parents' Golden Wedding - took us on an illustrated journey to the "Rooftop of the World". She and her friend travelled from Japan to China and then into Tibet. It was a fascinating view of life in these countries and well illustrated by Miss Parkinson's fine photography.

Field Meetings:

I had planned to lead a walk along the riverside from "Wick Village to Double Dykes" in February. However, I was swept into hospital with acute appendicitis on the day and Mrs. M. Saunders very kindly stepped in and took the walk. It was a great success on a lovely winter day and the twentyfive people who came enjoyed the scenery. Mrs. Lund and the chairman took a full coach on an outing on July 14th to Heale House and garden, Wardour Castle Chapel and Old Wardour Castle. It was a beautiful sunny summer's day and everyone enjoyed the countryside and places visited.

Finally I would like to thank all the members who have contributed to the Geography section during the year, either by giving lectures or by coming along and forming the audience.

M.W.S. Davis, Chairman

GEOLGY

During the period 1982-83 an interesting series of Field Meetings was led by Mr. G. Mouat. They covered almost the whole of the Dorset Coast from Swanage to Portland. Given the right tidal conditions the beach levels were examined where possible. There was a fairly regular attendance in conditions varying from wintry to summer air. Studland, Durdle Door, Portland Bay Coastal Path, Houndstout, Worth Matravers, Durlston to Swanage, Ringstead and Lulworth were visited and particular features in the rocks noted. Mrs. Vera Copp B.A. gave an interesting, obviously well researched lecture on "Changing Sea Levels" with well chosen photographs to illustrate the effect of this upon the rock formations. Later in the session Mr. Hopkins O.B.E. B.A. gave an excellent lecture on "Quarrying in Purbeck" with illustrations provided from historic photographs and pictures showing the application of the quarried stone. Mr. F. Tyhurst from the Engineering Staff of Christchurch Council gave an informative and detailed lecture on "The Coastal Defences of Christchurch Bay" covering, with interesting detail, the problems of dealing with the sea, the geological structure, the finance, also the many matters which arise in order that the environment may be conserved. The lecture was followed by a Field Visit to Highcliffe Castle in order to see the results of the work.

Here it was possible to see the detailed work and thought which had gone into the plan, even down to the breeding of a new type of grass to help the general covering of the soil, in order to encourage the return of native plants. N. Stearn gave a lecture on the general structure of Cambridgeshire and the drainage features of the fens. This was followed by a lecture on the Island of Cyprus with a brief mention of the copper mines of the Troodos Mountains. Later in the session N. Stearn gave a talk on Scotland in the area of the volcanic rocks of the Western Highlands. Towards the end of the session another talk was given on "Rocks used in Building", which considered some brick buildings, mixtures of brick and stone for decoration, and the more particular use of limestone in the structure of Cathedrals and in their ornamentation. The Open Day held in September was quite well attended; many people asked about the exhibits and several brought their own pieces to be assessed. My personal thanks go to Mrs. M. Saunders who helped so much with the display layout. I must again mention Mr. Mouat who gives so much time and effort and experience to the Field Meetings.

Nevil Stearn, Chairman

PHYSICS AND CHEMISTRY

The session commenced with a visit to the Wedgwood Electrical Collection at Christchurch - a museum of electrical equipment covering all periods from about the 1880's. It was difficult to persuade fascinated members to leave at the appointed time!

Mr. A.B. Jones was unable to give his lecture on the "Fundamentals of Computers" in October, but Mr. Martin Larkin filled the gap with "The Wytch Farm Project", and members were particularly reassured with his description of the trouble taken to render the oil installations unobtrusive, and to reinstate disturbed ground.

November was devoted to a discussion on timekeeping by myself, from candles to the most sophisticated atomic clocks.

Mr. J.S. Reynolds of the Dorset Institute of Higher Education traced the development of computers from the early and massive valve devices to the modern extremely compact "Microprocessors" which are capable of storing and manipulating vast quantities of information, which he demonstrated on an instrument he had brought.

Also very aptly illustrated with demonstrations was the lecture in January by Mr. F. Oldham - always very warmly received. "Colour, Light and Vision" illustrated many facets of the act of seeing.

In February, Dr. G. Ames took as his title "Bacteria as Friends, Not Foes" and was able to describe many useful chemical processes performed by bacteria, and gave a most informative introduction to bacteriology.

Mr. Ian Cunningham, well-known to the Society, was asked to repeat in March the lecture he gave about 10 years ago on "Edinburgh City Transport", a request which he gladly accepted. The workings of the transport department of a large city were fully and clearly explained, and illustrated by unique slides.

In pursuance of a policy of acquainting members with local industries, Mr. A.H. Beach of Aish Industries lectured in April about his particular firm, which was founded in 1887 in Poole, and has expanded to include the design of Naval installations, a branch of the British Calibration Service, and control of sewage treatment plants.

T.A. Crawshaw, Chairman

ZOOLOGY - ENTOMOLOGY

The summer of 1983 will be remembered as one of the outstanding years for migrant lepidoptera. Large numbers of Clouted Yellows (*C. croceus*) arrived, and individuals were sighted on several field meetings. There has also been an abundance of Silver Y (*P. gamma*). Of migrants which are usually much scarcer, substantial numbers of the Vestal (*R. saccharia*) were reported, also the Convolutus Hawk Moth (*H. convolvuli*) - one found by the writer, and one by Mr. P. Whieldon. A second generation of White Ermine (*S. lubricipeda*) and Buff Ermine (*S. lutea*) emerged in Dorset.

Mr. A.H. Cooper spoke about "Spiders" at the October Lecture, and caused slight consternation and great interest by bringing a sample of his subject with him. "Moths" was the topic for February, and in March Dr. Jeremy Thomas, from the Institute of Terrestrial Ecology, discussed the changes in Dorset butterfly populations; the majority of species are declining in numbers, but the Lulworth Skipper is prospering and even increasing its range. In April Simon Davey showed slides of a wide variety of insects which inhabit the mountainous areas of central Spain.

My thanks to all those who have helped me during my first year as Chairman, in particular to Mr. R.G. Lees for his able leadership of the field meetings.

Margaret Brooks, Chairman

ZOOLOGY, MAMMALIA AND NATURAL HISTORY

Lectures

Miss Margaret Brooks gave an illustrated talk on her latest visit to Natal. All her slides were superb and covered a wide spectrum including several species of antelope - birds shown were red chested cuckoo, black-eyed bulbul, forked tail drongo and hadada ibis, which has a gun-shot like call, that she had recorded. Flora included wild pomegranate, Christmas bells, squills and black eyed Susan. An infusion made from the root of this plant caused many deaths among young African females using it as an aphrodisiac. Insects included bag worms; and of butterflies there were painted lady, and African blue which possesses amazing properties of camouflage, and geranium bronze, whose droppings resemble those of birds. Her slides of geckos showed their ability as past masters of camouflage, changing their colour to match that of their surroundings.

Miss Helen Brotherton spoke of her experiences in the Volcanoes National Park, Rwanda, which is a small country but one that is densely populated and spoken of as the country of 1000 hills. She showed spectacular slides of wild-life, especially those of gorillas of variable age groups, from tiny babies to huge silver back males found high up in the volcano area.

'Animals as Physicians' was an unusual subject chosen by the President but one providing a stimulant for thought. Emphasis was placed on vitamins, blood letting to relieve pain by mammals and hypnosis and their relative value used by man and animals. Creatures from many countries were used as examples. To quote a few, hippopotamus used pieces of dried river reeds to bleed themselves to reduce pressure by stabbing a limb and using water from the River Nile to cleanse the wound, buffaloes wallow in mud to remove skin irritants, a wild gibbon used the leaves of the Indian incense tree, as an internal poultice to disperse a lump on its flank, a remedy used by the natives, who also knew the use of these leaves. A badly injured puppy was restored to health by the continuous licking of a cat. The protein contained in the cat's saliva was undoubtedly beneficial. Among other animals, stoats have the power to mesmerise or hypnotise their prey such as rabbits.

Field Meetings Mammalia and Natural History

Field meetings for mammalia and natural history have taken place in the environs of Dorset and Hampshire. Species of outstanding importance have not been recorded this year so I place on record those which have been noted. To leaders and to those members who have supported this section I extend thanks, especially to my deputy, Mrs. M. Arnold. Below is a list of fauna and habitat:

Mammals New Forest: Four species of deer - Red (*Cervus elaphus*), Fallow (*Dama dama*), Roe (*Capreolus capreolus*), Sika (*Cervus nippon*), Brown hare (*Lepus capensis*), Rabbit (*Onyctolagus cuniculus*), Stoat (*Mustela erminea*), Weasel (*Mustela nivalis*), Short tailed Vole (*Microtus agrestis*), Water Vole (*Arvicola amphibius*), Fox (*Vulpes vulpes*), Hedgehog (*Ernaceus europaeus*), Common-shrew (*Sorex araneus*), Bank vole (*Clethrionomys glareolus*), Grey Squirrel (*Sciurus corolinensis*), Pipistrelle Bat (*Pipistrellus pipistrellus*).

Pond Dipping

Amphibians - Aquatic Life. Marshy ground and ponds: Frogs (*Rana temporaria*), Common Toad (*Bufo bufo*), Palmate Newt (*Triturus helveticus*), (*Daphnia* spp. *spiongilla*), fly larva, (*Dytiscus*), water beetle, mosquito larva, water lice (*Asellus Keratela quadrata*), rotifer and aquatic worms. Dr. T. M. Bell used two of his microscopes to record detailed examinations of specimens, (*Sauria*) and (*Serpentes*).

Damp heath and woodland. Common lizard (*Lacerta Vivipara*), Adder or Viper (*Vipera berus*), Ringed or yellow necked grass snake.

Galls per Mrs. Mary Tiller; woodland and scrub on:- oak, common spangle, artichoke, cherry, oyster, silk button nail or lighthouse; hawthorn, rosette, sallow bean, alder, large and small pouch bracken. Little black pudding (*Dasyneura filicina*). This gall originates from the downward rolling and slight thickening of one edge of the pinnules of bracken. Its typical form is that of a smooth torpedo-shaped roll.

Hengistbury Head was the venue for a marine walk. Several species of wracks and laminaria were noted. Two interesting finds were one spring spider crab and a small conger eel. On the groynes were several sea anemones and huge conglomerations of mussels of varying age - groups, also limpets. The amazing eating and locomotion of star fish were described in detail.

K. Milner Bennetts, Chairman

Natural History

Autumn 1982 was notable in that many more Beefsteak fungus (*Fistulina Hepatica*) were found on our outings than in previous years although most other fungi were in no greater abundance than usual.

Winter brought very little in the way of outstanding birds although there was usually plenty to see for the interested observer along our coastline, on the Gravel Pits, or in most inland areas. For example a Black Redstart (*Phoenicurus Ochrurus*) was in the garden next to me for four days in Mid-November.

Spring, if that cold, wet and windy period could be called Spring, came very late and because of this most flowers, butterflies and dragonflies etc. were not very obvious. Midsummer Day however, brought a change from low to high atmospheric pressure with consequential clear skies and long very hot days resulting in 'Nature' blossoming forth and making a great show in the brilliant warm sun. Flowers, dragonflies and butterflies all became more abundantly obvious, particularly the migrant butterfly, the Clouded Yellow (*Colias Croceus*) which arrived in very much greater numbers than usual. For example I had seen three (*Colias Croceus*) between 1976 and 1982 but this year had seen over one hundred by the end of July and am still seeing this strong and fast flier in October as I write this.

September brought a rather abrupt end to the summer with a succession of low pressure systems with cold winds and rain which tended to spoil the Autumn Bird Migration in that there were not many days when the birds could be seen in many numbers. However, despite the weather, during a Mid-September outing not only were several good birds seen but several pairs of Adonis Blue butterflies (*Lysandra Bellargus*) were seen to be mating, which I hope is a good omen for next year.

R.G. Lees.

ZOOLOGY - ORNITHOLOGY

Once again we have come to the end of a most interesting and successful year of Field Meetings and Lectures.

Unfortunately I was unable to attend Field Meetings during the winter months owing to an operation and then a broken ankle, and I am most grateful to my Deputy Chairman, Miss Gwen Hayball, and to Mr. J.G. Parkinson and Mr. R.G. Lees who led Field Meetings and kept things going for me.

The winter 1982-83 was mild and open with few hazards for bird life, followed by a wet and cold spring with many migrant birds arriving and nesting late, and then the long hot summer that we have just experienced.

In November 1982 we were able to fit in our postponed visit to the Farlington Marshes led by Mr. Parkinson. It was a most successful day and we estimated, from a count taken earlier that day, that there were about 4500 Brent geese on the marshes and fields, a wonderful sight. We also saw a flock of 300 Black Tailed Godwit.

At the end of January 1983 Miss Hayball took a party of Members by coach to Titchfield Haven Reserve - a new area for us. The Warden, Mr. Duffin, conducted us to hides overlooking the marshes and a great many wintering birds were seen, including Long-tailed duck and both species of Godwit.

Eighteen Members drove in private cars to the Chew Valley Reservoirs near Bristol in February. Goosander, the biggest of the sawbill ducks are usually seen there and this year 12 were counted.

Calshot was another new area visited in late February, and as well as viewing Spotted Redshank, Greenshank and Black Tailed Godwit, we saw two Shorteared Owls who spent much time quartering the marshes in front of us.

Beaulieu Road is always a rewarding area at all times of the year, and in June 1983 we saw Hobby and a pair of Crossbills that had nested in that area.

Miss Gwen Hayball gave the Society a most exciting and fascinating account of her visit to the Canadian Arctic in the summer of 1982, with emphasis on the birds seen there, and Mr. Tim Hooker of Canford spoke to us on Bird Song - Theme and Variations, a most interesting and unusual lecture accompanied by tape recordings. In July Mr. Richard Harding lectured to us on Birds of the Dorset Heath, with slides taken near his home on Winfrith Heath.

I am glad to welcome to this Section a number of new Members - both those with experience and beginners, and I hope they have enjoyed being with us and will continue to support us in 1984.

L.M. Maddox, Chairman.

Local Record List of Birds of Particular Interest.

- Slavonian Grebe, (*Podiceps auritus*). 4, 10th December 1982, S. Haven Peninsula.
- Black-necked Grebe, (*Podiceps nigricollis*). 10th December, S. Haven Peninsula.
15th February 1983, Chew Valley.
- Gannet, (*Sula bassana*). 22nd April, Durlston Head. 27th May, Winspit.
- Long-tailed Duck, (*Clangula hyemalis*). 28th January 1983, Titchfield Haven.
- Goosander, (*Mergus merganser*). 12, 15th February, Chew Valley.
- Hen Harrier, (*Circus cyaneus*). 25th February, Calshot.
- Hobby, (*Falco subbuteo*). 23rd June, Beaulieu Road.
- Water-Rail, (*Rallus aquaticus*). 25th November, Farlington Marshes. 28th January 1983, Titchfield Haven.
- Golden Plover, (*Pluvialis apricaria*). 45, 5th November 1982, Moyles Court. 11th January, Avon and Sopley. 28th January, Titchfield Haven.
- Black-tailed Godwit, (*Limosa limosa*). 300, 25th November, Farlington Marshes. 28th January 1983, Titchfield Haven. 30, 25th February, Calshot. 19th August, Keyhaven.
- Green Sandpiper, (*Tringa ochropus*). 3rd September, Dibden Bay.
- Spotted Redshank, (*Tringa erythropus*). 25th February, Calshot. 3rd September, Dibden Bay.
- Greenshank, (*Tringa nebularia*). 10th December 1982, S. Haven Peninsula. 25th February, Calshot. 22nd March, Keyhaven. 5th August, Stanpit. 19th August, Keyhaven.
- Sanderling, (*Calidris alba*). 19th May, Stanpit.
- Ruff, (*Philomachus pugnax*). 19th August, Keyhaven.
- Tawny Owl, (*Strix aluco*). 15th February, Zig-zag nr. Shaftesbury. 2, 19th July, Ladycross Lodge.
- Short-eared Owl, (*Asio flammeus*). 25th November, Farlington Marshes. 2, 25th February, Calshot.
- Kingfisher, (*Alcedo atthis*). 11th March, Red Rise. 19th August, Keyhaven.
- Lesser Spotted Woodpecker, (*Dendrocopus minor*). 11th March, Red Rise. 23rd June, Beaulieu Road.
- Black Redstart, (*Phoenicurus ochrurus*). 27th May, Winspit. 15th September, Ninebarrow Down.
- Garden Warbler, (*Sylvia borin*). 27th May, Winspit. 8th July, Red Rise.
- Spotted Flycatcher, (*Muscicapa striata*). 5th May, Thorncombe. 8th July, Red Rise. 19th July, Ladycross Lodge. 3, 15th September, Ninebarrow Down.
- Tree-Pipit, (*Anthus trivialis*). 23rd June, Beaulieu Road.
- Yellow Wagtail, (*Motacilla flava*). 3rd September, Dibden Bay.
- Siskin, (*Carduelis spinus*). 11th January 1983, Avon and Sopley. 11th March, Red Rise. 19th July, Ladycross Lodge.
- Redpoll, (*Acanthus flammea*). 23rd June, Beaulieu Road. 19th July, Ladycross Lodge.
- Crossbill, (*Loxia curvirostra*). pair, 23rd June, Beaulieu Road.

PHOTOGRAPHY

This section had been without a Chairman since early 1981, when I - a novice photographer at most, and with great trepidation, - took over in March 1982. I am grateful for the diligent steering of my course by fellow members, and the invaluable assistance of the Bournemouth Camera Club, both in providing speakers and in its endeavour to instil in me at least some photographic knowledge.

Members' slides proved fascinating as ever in October, and Mr. J. Loader gave two memorable Audio-visual 'Cocktails' during the year. Mr. J. Willis' programme on Canada was captivating, whilst Mrs. M. Parkinson enthralled all with her pictorial and verbal tour of North America.

It was felt that the ceiling and lighting renovation in the hall, at 39, Christchurch Road should not go unrecorded, so a before - and - after photographic record has been provided in the Proceedings.

Jeanette Neagle, Chairman

LIBRARY

The allowance to the Library Committee from the bequest to the Society of the late Mr. J. Trevor-White has made possible a book purchase on behalf of each Section.

When complete the collection will be suitably inscribed and will add greatly to this year's normal purchases.

Donations of books, publications and periodicals have been most generous and are greatly appreciated as are the regular weekly efforts of all the Library personnel who maintain the Library services on behalf of fellow members.

R.E. Harwood. Hon. Librarian.

MEMBERS DAY

Twenty members, new and old attended New Members' Day in January and quite a large group was shown round the garden in June.

Mr. Teasdill repeated his lecture on coins, a hobby of his. Mrs. Parkinson demonstrated her hobby, collecting tea towels.

Mr. Mitton showed slides from the archives of the Society. Slides were also used by Mr. Chaney and Mr. Parkinson to illustrate their talks and by Miss Davis as a basis for the geography quiz. There was also a general slide programme.

Three informal meetings were held in the museum. On these occasions members read passages from books and commented on them, shared holiday experiences and read humorous and serious newspaper cuttings.

H.M. Dickinson, Chairman

MUSEUM

First of all I wish to thank sincerely Mr. Graham Teasdill for his splendid description labels, executed in Indian Ink script, for the many items in our collections.

Secondly I wish to thank Mr. Garlinge for redecorating what is known as the 'Mummy Cupboard'. This is upstairs, opposite to my office, and contains a completely decorated ancient Egyptian Sarcophagus. Inside is a body bandaged in fine linen, having first been preserved in natron and other unguents. There is also a decorated coffin cover which was used on a plain wooden case, as in ancient Egypt there was a period when she was going through rather bad times and many subjects could not afford to have the whole sarcophagus decorated; hence only the coffin lid was painted. This was in the Greek Ptolemaic Kings' period of 330-305 B.C. Mr. Garlinge's efforts have greatly enhanced both ancient Egyptian items in our Museum Collections.

Thirdly I must thank Mr. G.J. Vassie and Mrs. Mary Tiller who have together given the collections of Mammalian Skulls a much needed clean-up. They have examined all the bottled specimens and topped them up with the appropriate preservatives and they should now last a good many years.

Our Open Day on September 17 was once again a great success. I understand that 158 visitors passed and appreciated the many fine displays of items in our Museum.

W.A. Bray, Hon, Curator.

THE GARDEN

My grateful thanks go to all the committee for their help, and to Mr. Huggins, Mr. Burch, Mr. Gandy, Mr. and Mrs. Bentley, Mr. Whieldon and all the other helpers. We still need more helpers even in the winter.

Winsome Chome

LECTURES, FIELD MEETINGS AND VISITS, 1982-83

GENERAL Chairman: Miss K.M. Bennetts

1982

November	10	A New Forest Film	Mrs. R.E.S. Bell (deceased)
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1983

March	3	Kitchen Capers	Tea Committee
June	4	India, Nepal and Sri Lanka	Gwyn A. Williams
June	25	The Amazing Amazon	Mrs. A. Leonard
July	12	Swaziland - A Nation Emerging	Miss Isabel Hynd
August	17	Atlantic to Pacific (A Canadian Journey)	Mr. and Mrs. H.C. Heales
August	31	In the Steps of Thomas Hardy	H.C. Oram

<u>1982</u>			
October	23	Deer and their effect on the New Forest	Miss K. Milner Bennetts, F.Z.S.
November	17	A Journey through Egypt - The New Kingdom	Miss M.W.S. Davis
December	11	More Slides of Old Bournemouth and District	F.R. Watson

<u>1983</u>			
January	29	Some Slides of Old England	W.J. Whitsed
March	23	The Channel Islands in History	W.V.K. Channon
April	30	The City of York	G. Cummings
May	11	The Actor Knight - Bournemouth Museums Theatrical Collection	Graham Teasdill
June	18	The Foreign Regiments of Lymington, 1793-1814	A.E.W. Gaston, O.B.E.
July	16	The Archaeology of Hengistbury Head	Michael Ridley, Curator of Weymouth & Portland Museums.
September	28	Court Life in the Antonine Period	Councillor P. Munro Walker, M.A. F.R.N.S.

ASTRONOMY Chairman:Graeme Nash

<u>1982</u>			
October	2	Time by the Stars	Colin Pither, F.R.A.S.
December	18	Hitch Hiker's Guide to the Universe	Geoff Kirby B.Sc
<u>1983</u>			
January	15	Total Lunar Eclipse - Arizona 1982	Adrian Owen
February	19	The Violent Inter-Stellar Medium	Dr. Peter Clifford
March	19	Black Holes, Anti-matter and Quarks	Mrs. Julie Bateson B.Sc.

BOTANY Chairman:Mrs. S.A. Thomas

<u>1982</u>			
October	11	A Naturalist in Eastern Africa	Miss A. Horsfall M.A.
November	24	Green Medicine	Mr. T. Bartram, F.N.I.M. R., F.R.S.H., F.H.A.
December	15	Purbeck Marine Life	Mrs. S. Welton, B.Sc.

<u>1982</u>			
October	5	Canadian War Memorial	R.G. Lees
October	14	Mark Ash	R.G. Lees
October	21	Wootton	R.G. Lees

BOTANY (Continued).

1982

November	16	Ferny Knap	R.G. Lees
December	7	Lady Cross Lodge	R.G. Lees
December	21	Hengistbury Head	R.G. Lees

1983

February	12	Vegetable with Animal Connections	T. Hooker, M.A.
February	26	Propogation and care of Houseplants (Joint meeting with the R.H.S.)	W. Davidson
March	9	Jekyll Lutyens Partnership	F. Oldham, M.A., B.Sc., F. Inst.P.
April	13	Pottering Round Gardens	Mrs. A.K. Hunt, B.Sc.
May	4	Spring Flowering Plants	J. Lockwood, N.D.H.
August	24	Wisley Garden through the Year	O.J. Clayton, A.H., R.H.S.
August	27	Flora and Fauna	W.J. Whitsed, F.R.S.A.

1983

February	8	Bolderwood	R.G. Lees
March	24	Ackling Dyke	Mrs. M. Saunders
April	15	Dancing Ledge	R.G. Lees
April	29	Kimmeridge Bay	Mrs. S. Welton/Mrs. S. Thomas
May	12	Breamore	R.G. Lees
May	26	Wootton Bridge	R.G. Lees
June	3	Durlston Head	R.G. Lees
June	14	Cranborne, Castle Hill	Mrs. B. Norton
June	24	Ballard Down	R.G. Lees
June	30	Martin Down	R.G. Lees
July	5	Badbury Rings	R.G. Lees
July	21	Bindon Hill	R.G. Lees
July	29	Mr. and Mrs. Heales' Garden	Mrs. S. Thomas
August	2	Corfe Castle	R.G. Lees
August	16	Cranborne	R.G. Lees
September	1	Ullwell	R.G. Lees
September	7	Wisley Garden	O.J. Clayton/Mrs. S. Thomas
September	13	Burbush	R.G. Lees
September	22	Durlston Head	R.G. Lees

GEOGRAPHY Chairman: Miss M.W.S. Davis

1982

October	20	A brief look at the Island of Elba	Miss M.W.S. Davis
November	27	Bridges of South Dorset	J. Wallis
December	4	A Visit to Tibet	Mrs. C. O'Shea

1983

January	19	Peruvian Adventure	Mrs. J. Gray
February	23	Bermuda	Mr. F.B. Martin
March	26	Japan - Buildings Old and New	Mr. P. Down

GEOGRAPHY (Continued).

1983

April	11	Southdowns Walk	Mr. L. Shepherd
May	7	Northern India, Part II	Mr. K. Eames
June	15	The Development of the Arch	Mr. W.H. Lee
July	9	Some Favourite Gardens	Mrs. J. George
July	30	Overland to Katmandu	Mrs. M. Bright
September	21	A Journey to the Rooftop of the World	Miss K. Parkinson

1983

February	17	Riverside Walk - Wick Village to Double Dykes	Miss M.W.S. Davis Mrs. M. Saunders
July	14	Heale House and garden, Wardour Castle Chapel and Old Wardour Castle.	Miss M.W.S. Davis Mrs. M.S. Lund

GEOLOGY Chairman: Nevil Stearn

1982

November	22	Cambridgeshire	N. Stearn
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1983

February	14	Scotland	N. Stearn
May	16	Coastal Defences of Christchurch Bay	F. Tilehouse
June	11	Rocks used in Building	N. Stearn
June	22	Changing Sea Levels	Mrs. V. Copp, B.A.
June	29	Quarrying in Purbeck	P.G.H. Hopkins, B.A.

1982

October	19	Houndstout	G. Mouat
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1983

March	16	Worth Matravers	G. Mouat
April	7	Studland	G. Mouat
April	21	Ringshead	G. Mouat
May	6	Durdle Door	G. Mouat
May	20	Portland Bay Coastal Path	G. Mouat
June	9	Highcliffe Castle	G. Mouat
June	16	Durlston to Swanage	G. Mouat
August	12	Lulworth Cove	N. Stearn

PHOTOGRAPHY Chairman: Miss J.I. Neagle

1982

October	16	Members' Slides	
November	20	A Photographic Cocktail (Audio-visual)	J. Loader

1983

January	24	Unusual Eye to Photography	Miss M. Exton
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PHOTOGRAPHY (Continued).

1983

April	27	Wandering in British Columbia	Mr. J.E. Willis
May	25	Another Photographic Cocktail	J. Loader
August	20	America - Pastures New.	Mrs. M. Parkinson

PHYSICS AND CHEMISTRY Chairman: T.A. Crawshaw

1982

October	27	The Wytch Farm Project	Martin Larkin
November	13	Candles, Quarts, Clepsydra and other Timekeepers	T.A. Crawshaw
December	13	Micro-processors - Computers in Miniature	J.S. Reynolds, B.Sc.

1983

January	22	Colour, Light and Vision	J. Oldham, M.A., F.Inst.P.
February	16	Bacteria as Friends, not Foes	G. Ames, M.R.C.S., L.R.C.P., L.D.S.
March	14	Edinburgh City Transport	I. Cunningham, B.Sc., F.I.C.E.
April	16	Technology on our Doorstep	A.H. Beach

1982

October	7	Visit to Wedgwood Electrical Collection	T.A. Crawshaw
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ZOOLOGY - ENTOMOLOGY Chairman: Miss M.M. Brooks

1982

October	30	Spiders	A.H. Cooper
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1983

January	26	A Few Moths	Miss M.M. Brooks
March	12	Changes in Dorset Butterfly Populations	J.A. Thomas, Ph.D.
April	9	Photographing Insects in Spain	Simon Davey

1983

May	24	Ballard Down	R.G. Lees
June	17	Latchmore Bottom	R.G. Lees
June	28	Ferry Knap	R.G. Lees
July	15	Great Ridge Wood	Miss M.M. Brooks
July	28	Crockford Bridge	R.G. Lees
August	11	Martin Down	R.G. Lees

1982

October	13	Natal Revisited (Natural History)	Miss M.M. Brooks
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1983

January	10	Volcanoes National Park Rwanda	Miss H. Brotherton J.P.
March	21	Animals as Physicians (Mammalia/Zoology)	Miss K.M. Bennetts
May	14	Deer and Other Mammals	Miss K.M. Bennetts

1982

October	15	Red Deer	Mrs. M. Arnold Miss K.M. Bennetts
October	28	Sika Deer	Miss K.M. Bennetts
November	11	Anderwood Area	J.G. Parkinson
November	23	Brockenhurst Area	Mrs. M. Arnold Mrs. R. Crane
December	2	Broomy and Sloden Inclosures	Mrs. J. Butt

1983

January	14	Holidays Hill Area	J.G. Parkinson
January	25	Hengistbury Head Area	Miss K.M. Bennetts
February	10	Emery Down Area	Mrs. M.S. Lund Miss M.W.S. Davis
February	24	South Oakley	Miss E. Souter Miss K.M. Bennetts
March	8	Bolderwood Area	Mrs. R. Crane Miss K.M. Bennetts
March	15	Badbury Rings Area	Mrs. M. Arnold Mrs. L.V. Nicklen
March	25	Carey Heath (Wareham)	Mrs. M. Saunders Miss K.M. Bennetts
April	8	Holidays Hill Area	J.G. Parkinson
April	19	Holly Hatch Area	Mrs. A. Leonard
April	28	Pond Dipping	Dr. T.M. Bell Miss C.F. Noll
May	10	Sluifers Area	Mrs. M.S. Lund Miss M.W.S. Davis
May	17	Studland Heath (Natural History)	Mrs. M. Arnold Miss K.M. Bennetts
June	1	Marwell Zoological Park	Miss K.M. Bennetts
June	10	Markway Hill	Miss E. Souter Miss K.M. Bennetts
June	21	Sika and other Deer	Miss K.M. Bennetts
July	7	Marine Walk, Hengistbury (Natural History)	Mrs. M. Arnold Miss K.M. Bennetts
July	12	New Forest	J.G. Parkinson
July	20	Quiz (Natural History)	Miss K.M. Bennetts
July	26	Burley Area	Miss K.M. Bennetts
August	4	Rhinefield Area, Puttles Bridge	Mrs. M. Arnold Miss K.M. Bennetts
August	6	Study of Galls, New Forest	Mrs. Mary Tiller
August	18	Wootton Area	Mrs. M. Arnold Miss K.M. Bennetts
September	8	Brockenhurst Area	Miss E. Souter Miss K.M. Bennetts
September	20	Wareham Area	Mrs. M. Arnold Miss K.M. Bennetts
September	29	Frame Heath and Perrywood Hasley	Miss K.M. Bennetts

1982

November	6	Arctic Adventure	Miss G. Hayball
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1983

March	5	Bird Song - Theme and Variations	T. Hooker, M.A.
July	11	Birds of the Dorset Heath	Richard Harding

1982

October	1	Radipole Lake and Lodmore	D. Ireland and Mrs. L.M. Maddox
October	12	Brands Bay	J.G. Parkinson
November	5	Moyles Court	R.G. Lees
November	25	Farlington Marshes	J.G. Parkinson
December	10	South Haven Peninsula	R.G. Lees
December	16	Beaulieu Road	Mrs. L.M. Maddox

1983

January	11	Avon and Sopley	Mrs. L.M. Maddox
January	28	Titchfield Haven Reserve	Mr. Duffin and Miss G. Hayball
February	15	Chew Valley Reservoirs	Mrs. L.M. Maddox
February	25	Calshot	R.G. Lees
March	11	Red Rise Area	J.G. Parkinson
March	22	Keyhaven Marshes	J.G. Parkinson
April	12	Sowley Pond and Lepe	R.G. Lees
April	22	Durlston Head	J.G. Parkinson
May	5	Thorncombe Nature Trail	Miss G. Hayball
May	19	Stanpit Marshes	J.G. Parkinson
May	27	Winspit	Mrs. L.M. Maddox
June	7	Ackling Dyke	Mrs. M. Saunders
June	23	Beaulieu Road	Mrs. L.M. Maddox
July	8	Red Rise Area	J.G. Parkinson
July	19	Frame Heath	Mrs. L.M. Maddox
August	5	Stanpit Marshes	J.G. Parkinson
August	19	Keyhaven Marshes	J.G. Parkinson
September	2	Dibden Bay	R.G. Lees
September	15	Ninebarrow Down	Mrs. L.M. Maddox

MEMBERS' DAYS

Chairman: Mrs. H.M. Dickinson

1982

October	18	Here and There in Colour (Slides)	H.L. Chaney
November	15	Early Nature Photographers, illustrated by B.N.S.S. Slides	J.C. Mitton
December	8	Coins	G. Teasdill

1983

January	17	New Members' Day	The President
February	21	Looking at the Tea Towel from a Collector's Angle	Mrs. M.K. Parkinson
March	30	Geography Quiz	Miss M.W.S. Davis
April	20	Where my Caravan has rested	J.G. Parkinson

MEMBERS' DAYS (Continued).

1983

May	18	Members' Slides	Members
June	8	Round the Garden at No. 39	Mrs. A.K. Hunt
July	6	Talks by members on books which have interested them	Members
August	15	Holiday Experiences	Members
September	19	Newspaper Cuttings and Misprints	Members

PUBLICATIONS AND PERIODICALS RECEIVED

The following publications were received in the Library during the year. Some of them were gifts from members who subscribe personally to the particular Society. The Library Committee are glad to record their appreciation of such gifts.

Alpine Garden Society Bulletin.

Birmingham Natural History and Philosophical Society - Proceedings.

Botanical Society of the British Isles - Watsonia. Proceedings.

Bristol Naturalists' Society - Proceedings.

British Trust for Ornithology - News Bulletin. Bird Study.

California Academy of Sciences - Proceedings.

Cambridge Antiquarian Society - Proceedings.

Dorset Magazine.

Dorset Natural History and Archaeological Society - Proceedings.

Geologists Association - Proceedings.

Hampshire Field Club and Archaeological Society - Proceedings.

Hertford Natural History Society - Transactions.

National Trust - Newsletter.

Nature.

Oryx.

Royal Horticultural Society - "Gardens".

Senckenbergische Naturforschende Gesellschaft - "Natur und Museum".

Smithsonian Institution, U.S.A. - Annual Report.

Société Jersaise - Annual Bulletin.

Torquay Natural History Society - Transactions and Proceedings.

Uppsala University, Sweden - Acta Phytogeographical Suecica.

Zoological Society of London.

LIST OF PRESIDENTS (1903-1983)

1903-04	J.E. Beale (Mayor of Bournemouth)
1904-06	G.E.J. Crallan, M.A., M.B., M.R.C.S.
1906-07	H.J. Waddington, F.L.S.
1907-09	A. Ransome, M.A., M.D., F.R.C.P., F.R.S.
1909-10	A. Smith Woodward, D.SC., F.R.S., F.L.S., P.G.S.
1910-11	Dukinfield H. Scott, M.A., LL.D., F.R.S., F.L.S., F.G.S.
1911-13	Sir E. Ray Lankester, K.C.B., M.A., LL.D., F.R.S., F.L.S.
1913-16	Sir Daniel Morris, K.C.M.G., J.P., M.A., D.SC., D.C.L., F.L.S.
1916-17	The Rt. Hon. the Earl of Malmesbury, D.L., J.P.
1917-18	Sir Jethro J.H. Teale, M.A., D.SC., LL.D., F.R.S.
1918-20	Field Marshal Lord Grenfell of Kilvey, G.C.B., G.C.M.G., LL.D., F.S.A.
1920-21	Lt. Col. Sir David Prain, C.M.G., C.I.E., F.R.S.
1921-23	F.G. Penrose, M.D., F.R.C.P., F.Z.S., M.B.O.U.
1923-24	Sir F.W. Keeble, K.B.E., D.SC., F.R.S.
1924-26	Hubert Painter, B.SC., F.C.S.
1926-28	Heywood Sumner, F.S.A.
1928-29	Claude Lyon
1929-30	Professor F.O. Bower, D.SC., F.R.S.
1930-31	Henry Bury, M.A., F.L.S., F.G.S.
1931-32	Dukinfield H. Scott, M.A., LL.D., F.R.S., F.L.S., F.G.S.
1932-33	J.P. Williams-Freeman, M.D.
1933-34	Rev. F.C.R. Jourdain, M.A., F.Z.S., M.B.O.U.
1934-35	Sir F.W. Dyson, K.B.E., M.A., D.SC., LL.D., F.R.S., F.R.A.S.
1935-36	Henry Bury, M.A., F.G.S., F.L.S.
1936-37	Sir Harold Carpenter, M.A., D.SC., F.R.S.
1937-38	Professor John Cameron, M.D., D.SC., F.R.S.E.
1938-39	Professor G.D. Hale Carpenter, M.B.E., D.M., F.L.S., F.Z.S., F.R.E.S.
1939-40	W.G. Aitchison Robertson, M.D., D.SC., F.R.C.P., F.R.S.E.
1940-41	Rev. Professor M.C. Potter, M.A., D.SC., F.L.S.
1941-42	Inst.-Capt. M.A. Ainslie, R.N., M.A., F.R.A.S.
1942-43	William C. Simmons, B.SC., A.R.C.S., F.G.S.
1943-44	Professor S. Mangham, M.A.
1944-45	A.S. Hemmy, B.A., M.SC.
1945-46	J.F.N. Green, B.A., F.G.S.
1946-47	Lt.-Col. C.D. Drew, D.S.O., F.S.A.
1947-48	W.J. Woodhouse, A.C.P.
1948-49	Edward Hindle, M.A., D.SC., F.R.S., F.Z.S.

1949-50 Mrs. W. Boyd Watt, F.Z.S., M.B.O.U.
 1950-51 Professor Sir R.A. Peters, M.C., M.A., M.D., F.R.S.
 1951-52 Ernest Chambers, F.L.S.
 1952-53 F. Williamson, F.R.HIST.S.
 1953-54 H.E. Clarke, M.A., B.SC., F.R.I.C.
 1954-55 W.J. Read, M.SC., F.R.I.C.
 1955-56 W.S. Brown, B.SC.
 1956-57 A.W. Legat, M. INST.C.E., M.I.S.E.
 1957-58 D.A. Wray, PH.D., M.SC., F.G.S.
 1958-59 Miss M.A.M. Penrose, B.SC.
 1959-60 Miss D.M. Lowther, B.SC.
 1960-61 James Fisher, M.A., F.L.S., F.Z.S.
 1961-62 W.P. Winter, B.SC.
 1962-63 F.H. Perring, PH.D., M.A.
 1963-64 Miss F.M. Exton, B.A.
 1964-65 Dame Kathleen Lonsdale, D.B.E., D.SC., F.R.S.
 1965-66 A.J. Butcher, F.R.I.B.A.
 1966-67 Mrs. A.K. Hunt, B.SC.
 1967-68 Professor F. Hodson, PH.D., B.SC., F.G.S.
 1968-69 T. Marshall Bell, B.A., M.B., B.CH.
 1969-70 Ernest Chambers, F.L.S.
 1970-71 Graham Teasdill, F.M.A., F.R.S.A., F.R.N.S., F.Z.S.
 1971-72 Miss Ursula M. Ogle
 1972-73 Sqd.-Ldr. J.L.C. Banks
 1973-74 Miss K. Milner Bennetts, F.Z.S.
 1974-75 Donn Small, M.SC.
 1975-76 S.C.S. Brown, F.D.S., R.C.S., L.D.S.
 1976-77 F. Oldham, J.P., M.A., B.SC., F.INST.P.
 1977-78 W.H. Lee
 1978-79 Mrs. G.M. Thomas, M.A., B.LITT.
 1979-80 T.A. Crawshaw, F.M.INST.M.C.
 1980-81 Miss M.M. Brooks, PH.C., M.P.S., F.R.S.H., F.R.E.S.
 1981-82 Mrs. M.K. Parkinson
 1982-83 Miss K. Milner Bennetts, F.Z.S.
 1983-84 Miss M.W.S. Davis











