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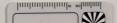


ANNUAL REPORT

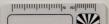
AUCKLAND INSTITUTE AND MUSEUM

1958-59

For presentation at the Annual General Meeting to be held on 28th May, 1959.







ANNUAL REPORT

OF THE

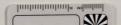
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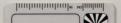


Staff of the Museum.

Director	 GILBERT ARCHEY, C.B.E., M.A., D.SC., F.R.S.N.Z., F.M.A., F.M.A.N.Z.
Assistant Director	 A. W. B. POWELL, HON. D.SC., F.R.S.N.Z., F.M.A.N.Z.
Ethnologist	 V. F. FISHER, M.A., F.M.A.N.Z.
Hon. Curator of English China	 C. REGINALD FORD, F.R.I.B.A., F.R.G.S.
Botanist	 R. C. COOPER, M.A., B.COM, PH.D.
Hon. Botanist	 LUCY CRANWELL SMITH, M.A., F.L.S., F.R.S.N.Z.
Hon. Associate Botanist	MRS P. H. HYNES.
Librarian	 ENID A. EVANS, B.A., A.L.A.
Art Assistant	BETTY BROOKES.
Extension Service Officer	T. J. BAYLISS.
Education Officer	R. A. SCOBIE, M.A., F.M.A.N.Z.
Assistant Education Officers	B. H. CADMAN, B.A. R. McDONALD.
Art Technician	JOHN McCAW.
Bookkeeper and Typist	T. B. WILSON.
Library Assistant	LORRAINE WILSON.
Typist	 D. GOOCH.
Information Service	M. M. BOND. D. J. BEAVIS.
Maintenance Officer	 C. H. HENSEN.
Recorder	 H. A. HAYNES, O.B.E.
Custodian	 J. STEWART.

Attendants:

O. McGUINNESS, H. MACKAY, R. W. ARCHER, H. J. PINN, J. ABBOT.



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OF THE

AUCKLAND INSTITUTE

AND

MUSEUM

1958-59

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SIR FRANK MAPPIN.

MR. A. T. PYCROFT.
MR. J. C. RENNIE, Ll.B.
MR. E. H. RHODES, B.SC.

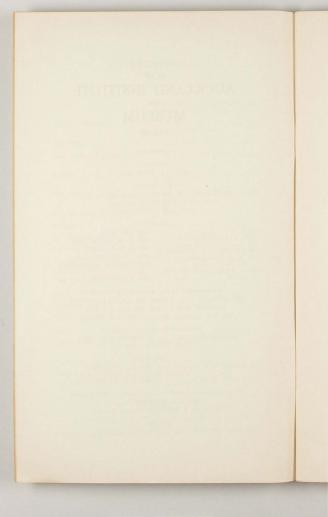
Representatives on Council of Royal Society of New Zealand:

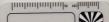
MR. S. G. BROOKER, M.SC.

DR. A. W. B. POWELL, F.R.S.N.Z., F.M.A.N.Z.

Director:

GILBERT ARCHEY, C.B.E., M.A., D.SC., F.R.S.N.Z., F.M.A., F.M.A.N.Z.





Reports to Members

President

The most important matter which has been engaging the attention of the Council during the last year is the approaching completion of the new War Memorial building and the problem of finding money to provide floor coverings and furniture. Our Director and staff have a tremendous task ahead of them in the movement of the collections, equipment and Library into the store rooms and exhibition halls of the new building.

During the year an appeal was made by the Auckland War Memorial Committee which resulted in a sum of £23,000 being contributed to ensure the completion of the building. It is hoped that it will be possible to open the Services Museum halls which will provide an appropriate approach to the new Hall of Memories

by the middle of next year.

It is also expected that it will be possible to open to the public again the parts of the old building which have had to be closed during additions. Unfortunately, the lecture hall has had to be omitted from the building and until it is possible to add this important feature, the former library will be used as a temporary assembly hall. The hall must first, however, be plastered or other-

wise re-lined and reconditioned generally.

The Director's report outlines the possibility in respect of the preparation of the rest of the museum and the order in which this will be undertaken. It may be possible to re-open the library in the new building later in the present year. Book shelving from the old library has been dismantled and is being built into the new block. The generous gift of £5,000 by the Sir John Logan Campbell Trustees will enable floor covering, curtains and other requirements to be provided for the whole of the library. The sum of £1,809 has been expended from our own funds in the provision of new steel shelving.

Honours

The well deserved honour of the C.B.E. conferred on our Director by Her Majesty the Queen will give much pleasure to our members. We also have pleasure in congratulating Miss E. E. Stephens, O.B.E. on the well-merited recognition given to her valuable services to education.

Royal Society of New Zealand

During the year the Council has given much consideration to proposals for greater financial assistance for that body, of which we are all members by reason of our membership of the Auckland Institute and Museum. During the year our members have voluntarily contributed £132 towards the Royal Society's share of the cost of the Darwin Centenary Research Expedition to the coast of Chile, in which two New Zealand scientists took part. This expedition, organised by the Royal Society of London, was sent as a tribute to Charles Darwin, the great scientist. His theories were partly developed during the expedition of the "Beagle" in the Pacific, during which he visited New Zealand in the year 1835.

The New Zealand contribution to this expedition was in part a tribute by New Zealand to scientists who, since the days of Darwin, have taken part in the scientific exploration of this country.

Contributory Members to the Royal Society of New Zealand

As a result of discussion between the Royal Society of New Zealand and branch representatives, the proposal has been adopted that each member body of the Royal Society of New Zealand shall establish a class of members who will contribute annually to funds of the central body; a proposal for the alteration of the rules will be placed before the Annual Meeting to establish such a class of members who will each contribute 5/- per annum.

Formation of Auckland Maritime Society

During the year a new Society, the Auckland Maritime Society, was established to promote the study of ships and related subjects. The Society has been adopted as a section of the Auckland Institute and Museum; we welcome this new Society and hope that it will give pleasure and instruction to its members and to the citizens of Auckland. It is a project which should work in well with the development of the museum outlined in the Director's report.

Staff

Mr P. J. O'Brien, the Taxidermist and Preparator has unfortunately left us to take a position at the Otago Museum. Mr O'Brien will be a great loss to our staff. Our members will be familiar with the extraordinarily good work that he has done during the six years he has been with us, and in particular will know the dioramas in the Natural History Hall. We are now three short in our staff, i.e., geologist, zoologist and preparator.

Members

Changes in membership are as follows:

	as at 31/3/58	as at 31/3/59
Life Members Annual Members	 327 890	340 875
	1217	1215

Obituary

We record with regret the deaths of Lady Gunson, O.B.E., Mrs Selwyn Upton, Rt. Hon. Lord Bledisloe, Colonel W. W. Clemesha, C.I.E., Dr A. G. Talbot and Messrs W. Andrew, P. H. Basley, J. M. Carpenter, J. M. Frater, B. L. Hamilton, A. M. Henderson, H. K. Jones, W. G. Miller, M. E. Priestley, E. L. Wilcock, J. M. Wilson and G. Winstone.

Mrs Selwyn Upton was, with her brother the late Sir Cecil Leys, the donor of the largest collection received by the Museum, the important Edge-Partington collection of oceanic ethnology; Lady Gunson constantly supported the Museum's activities, particularly in relation to the annual native flower show; Mr J. M. Frater was the donor of valuable Maori ornaments; Dr Talbot was for 54 years a member in turn of the Canterbury and the Auckland Institutes. Lord Bledisloe's death marked the end of a life of devoted and distinguished service to the Empire and Commonwealth in administration, science, agriculture and education. The Auckland Institute was honoured to have him as a member.

Financial

Owing to the increased cost of administration of the Institute side of our activity, it has been found that the present annual subscription of $\pm 1/1/$ - and the Life Members subscription of $\pm 10/10/$ - are insufficient to cover the cost of services given to members. These services include our regular lectures and the functions which we hold, circulars to members, and a portion of the cost of the library. A proposal for the alteration to the rules is to be submitted to the Annual Meeting providing that the annual subscription shall be increased to $\pm 2/2/$ - and the Life Members Subscription to $\pm 15/15/$ -.

Gifts

Sir Ernest Davis has presented a magnificent portrait of Lord Freyberg which he wishes us to hold on behalf of the citizens of Auckland. We are most grateful to Sir Ernest for this truly generous gift, which I am sure Members will consider an outstanding portrait of a very great soldier. This is the third portrait for

which we are indebted to Sir Ernest.

The Farmers Trading Company Ltd., through its Managing Director, Mr W. Calder Mackay, O.B.E., M.C., who was a former member of our Council, has intimated its desire to present a Spitz Planetarium as a jubilee gift to the City of Auckland. This gift has been gratefully accepted by the Council, and we expect to have this most important instrument installed in a few months' time. It will afford the citizens of Auckland the great pleasure of seeing portrayed the movements of the heavenly bodies. All who have seen these instruments working overseas agree that they afford an enthralling experience. It will be a most important addition to our ability to give pleasure and education both to young and old, and we greatly appreciate the generous and far seeing gift from the Farmers Trading Company.

During the year gifts were received to liquidate certain outstanding liabilities in respect of the Spitfire Aircraft. Twenty Pounds was received from the Brevet Club and £79/12/- from

an anonymous member.

Scenery Preservation

The Council, through its Scenery Preservation Committee, has given careful consideration to proposals from the Government for the development of electric power at the Aratiatia rapids and has urged the Hon. Minister to defer development until alternatives have been thoroughly examined.

J. H. ROSE.

Chairman of the Trust Board

The invested funds of the institution increased by some £600 during the year; this has been placed in Harbour Bridge debentures. The increase includes £290, the final portion of the C. V. Houghton bequest and £147 life members' subscriptions. It is of interest to note that endowment funds, mostly from bequests, now exceed £100,000.

Expenses on Vaile bequest properties have been heavy, and a good proportion of unexpended revenue will be required for further major repairs and restoration. Apart from these properties the greater part of the investments are in government stock and local body debentures.

KENNETH B. MYERS.

Director

The Institute

The customary Monday evening Institute lecture evenings were once more supported by very good attendances and members will wish to join in thanking the speakers for the very interesting

addresses given.

Mr V. F. Fisher, M.A., F.M.A.N.Z., "Historic Places, Maori
Mr V. F. Fisher, M.A., F.M.A.N.Z., "Psychology; its Relationship and European"; Mr T. A. Churton, "Psychology: its Relationship to Efficiency in Industry"; Mr G. B. Bolt, Ö.B.E., F.R.Ae.S., "Aircraft and Engine Development"; Professor E. M. Blaiklock, M.A., Litt. D., "Troy in Fact and Fancy"; Dr F. Burton, M. and Dr B. F. Cain, M.Sc., Ph.D., D. Phil, "Experimental Cancer Chemotherapy at Auckland."

The annual British Medical Association lecture was given by Dr F. R. Chisholm, O.B.E., M.R.C.P., F.R.A.C.P., on "Caisson Sickness and Divers' and Aviators' Bends"; and Sir Edmund Hillary, K.B.E., gave a lecture illustrated by coloured lantern

slides on "Antarctica.

Attendances at the Sunday afternoon lectures also all filled the library; we make appreciative acknowledgments to Dr A. W. the indary; we make appreciative acknowledgments to Dr A. W. B. Powell, F.R.S.N.Z., F.M.A.N.Z., "Land Snails and Earth History"; Mr J. Golson, M.A., "Recent Excavations by the Auckland University Archaeological Society"; Mr V. F. Fisher, M.A., F.M.A.N.Z., "Polynesian Food Plants"; Mr A. A. Kirk, B.A., "Shipping Incidents around our Coasts."

Anthropology and Maori Race Section

This year, the Anthropology Seminar Room, was used for monthly meetings. These were all well attended, and in two instances, larger rooms in the main University Block had to be used, i.e. for a lecture on "Maori Waiata" by Colonel Awatere, and a demonstration of poi, haka, and action songs by the Auckland University Maori Club.

Other subjects presented in 1958 were, "Linguistic Research in the South Seas," by Dr B. Biggs; "An Archaeologist Surveys Western Samoa," by Mr J. Golson; "Anthropological Research in Central New Guinea," Mr R. Bulmer; "Early Traditional History of the Arawa Tribe," Mr D. Stafford; "Village Life in

Samoa," Miss Susan Hirsch.

On the 2nd May, 65 members and friends of the Section visited the Turangawaewae Marae, where the celebrations commemorating the Centenary of the King Movement were being held.

We were welcomed on to the Marae in the traditional manner, after which a wide variety of items held the interest of the members. Altogether it was a most interesting and informative day. Our thanks are due to the Tribal Committee for their courtesy in

inviting the Section to their Marae.

The Officers of the Section are:-Patron, Dr A. Spoehr, Director of the Bishop Museum, Honolulu; Chairman, Mr J. Waitit; Hon. Secretary and Treasurer, Mr J. T. Diamond; Committee, Professor R. Piddington, Dr B. Biggs, Miss I. Hamilton, Messrs. R. Bulmer, V. F. Fisher, J. Golson, E. Grimes, R. Scobie, Hon. Auditor, Mr J. Prebble. The membership is 85.

Astronomical Society

The Auckland Astronomical Society reports the past year as one of the busiest and one of the most fruitful of its existence. After many years of enquiry and negotiation it has been offered a site, in the Winstone Park Domain, Mt. Roskill, for the proposed Sir Edmund Hillary Observatory; it is now conducting technical investigations as to seismological stability and freedom from industrial disturbance. It is about to launch a campaign for £25,000 for a building to house the £7,000 gift telescope offered by the late Mrs Edith Winstone Blackwell, M.B.E.

The Society was gratified to hear of the Farmers Trading Company's generous gift to the Museum of a Spitz Planetarium;

it will assist in any way required in the preparation of programmes.

The membership has increased by 50 to 230; very good meetings have been held and interesting lectures given. Many enquiries have been attended to and information given, especially on the making of telescopes. The Planetary Section, under Mr J. B. Orr, has given special attention to the Sun, Jupiter and Saturn, and considerable photography has been accomplished

The Officers for 1959-60 are:-President, L. A. Warner. M.Sc., F.R.A.S.; Vice-President, K. D. Adams; Hon. Secretary. L. H. Beaumont, B.A., F.R.A.S.; Assistant-Secretary, T. Keenan; Hon, Treasurer, G. R. Green; Librarian, H. Todd; Curator of Instruments, B. D. Smith.

Conchology Section

Although this year has been a full one for the Section, we cannot say there has been anything, of an outstanding nature. Attendances at our monthly meetings have been very good, and there has been an increase in membership, now making a total of 117. The section's Annual Bulletin, No. 14 was published in November. This is a printed journal of twenty eight pages includ-

ing half-tone and line illustrations and it contains ten original papers by members.

The death is recorded of Mrs Mary Mouat who had been a member of this Section since 1935. She played a very much appreciated role in interesting young people in collecting and over the years was responsible for many children joining the Section.

Some time in November it is hoped, on completion of the extension to the Museum, that the Section may be able to hold its meeting in the more spacious room so generously provided, within the bounds of Dr Powell's Office. We feel sure that this will be of great convenience and comfort to all.

Maritime Section

The newly formed Auckland Maritime Society which has been accepted as a Section of the Institute and Museum, held its inaugural meeting in October when the first Committee was elected: Messrs Clifford Hawkins (Chairman), A. A. Kirk, C. K. Hayward, A. Fisher and W. A. Laxon (Hon. Secretary). The four meetings so far held included a viewing of slides of old ships and colour slides of present-day vessels, a visit to a liner in port, and an address by Captain Wann of the Auckland Harbour Board on his service with the Northern Steamship Company and experiences in the Merchant Navy during the last war. Model Ships, Navigation, Ship Photography and Maritime history will be among the interests of Members of the Society.

The Museum-past year

The disturbances and removals mentioned in our last annual report continued during 1958-59; we have now evacuated all the areas contiguous to the new construction, moves which have involved the office, the library, store-rooms and work shops, and the first floor exhibition halls. While four exhibition halls have been partitioned off as temporary store-rooms we still have a full ethnographical display, all the decorative arts and only moderately diminished natural history display. We are now planning to move the transferred collections back past the vacated areas to the new administrative block.

The library shelving has already gone and will have been reerected in the new building by the time this report is issued; additional steel shelving has arrived CKD., to use a motor import term, and awaits the eager hands of Mr Stewart and Mr McGuinness for its assembly. Mr Henson has well in hand the construction of CKD, wooden store-cases for the new ethnology store-rooms.

Throughout all these moves all departments, library, zoology, botany and ethnology, have maintained their full activities of identifications, giving information and services to Institute memhers

Research

Members of the staff have continued their contributions to research, although almost entirely as an after-hours occupation. The "Records of the Auckland Institute and Museum" commenced its fifth volume with the following papers:—R. C. Cooper, Pohutukawa X Rata No. 2, Variation in Metrosideros in New Zealand, K. A. J. Wise, Trichoptera of New Zealand, No. 1 with descriptions of New Genera and New Species. A. W. B. Powell, Mollusca of the Kermadec Islands, 1: New Zealand Molluscan Systematics with Descriptions of New Species, No. 3; The Canoes of Geelvink Bay, Dutch New Guinea. Gilbert Archey, Tiki and Pou: Free Sculpture and Applied. Guest author's studies on Auckland Museum Collections were: G. T. S. Bayliss (University of Otago), A Botanical Survey of the small islands of the Three Kings Group; J. A. Hunter (D.S.I.R., Auckland), Additional notes on Tecomanthe speciesa from the Three Kings Islands; E. T. Giles, Dermaptera of the Three Kings Islands with description of new species.

Reconditioning

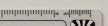
The reconditioning of the Maori meeting house, war-canoe, food-stores and carvings and of the statuary has revived the appearance of the Maori Court and entrance halls. The diorama series, Life through the Ages, was completed by Mr O'Brien before he left. Re-arrangement of several exhibits, e.g., Evolution of Plant Life; Maori Carvings; Polynesian Statuary and Cermonial; English Silver Plate; Postage Stamps have been undertaken as opportunity offered.

Museum-next year

Area and cost calculations of floor-coverings and other requirements for the new exhibition halls have been made; we shall not, however, be able to afford, nor do we expect to have time to effect, installation in all the new halls. Briefly the order of priority will be:—

- Hall of Memories and Roll of Honour: the first and principal element in the War Memorial building itself.
- (2) Three halls for the Armed Services Museum: essential for access to the Hall of Memories.





- (3) Hall of Oceanic Navigation: necessary for access to the administrative section.
- (4) Hall of Arts and Crafts of Oceania: desirable for alternative access to administration and to give complete circulation in this area.
- (5) Re-establishment of N.Z. Bird Hall, N.Z. Geology, and Palaeontology at present being used as store-rooms: desirable for School Service teaching.
- (6) Setting up new halls of Natural history and consequent re-arrangement of present displays to provide separate halls for:—Arts of the Civilizations; Crafts of Primitive Folk (excluding Oceania); British Furniture and Associated Arts; Maritime Section; Aeronautical Section: Philately and Numismatics.

The setting up of new halls can hardly be undertaken within two, possibly three years; it is confidently hoped, however, that the hall of Oceanic Navigation can be completed in time for a reasonably early opening of the Second World War Memorial, Roll of Honour, and the three Armed Services Museum Halls.

The date of opening will, however, inevitably depend upon when halls are made available under secure conditions for the laying of floor coverings, installation of cases and display of specimens.

The Collections

Valuable additions have been made to the collections in every department and are noted in the staff reports. Here we mention a Jacobean carved cabinet front presented by Mr G. B. Lane and the Misses Lane, and a Japanese lacquer cabinet and Sheraton cabinet presented by Mrs. R. Rose; ethnographical specimens from the central highlands of New Guinea recently collected by the donor Dr Marjorie Young, and two delicately fashioned Tridaena and turtle-shell ornaments from the Solomon Islands from Dr E. G. Sayers, C.M.G. Sir Edmund Hillary has presented the Blue Peter flown on "Discovery" before she sailed from Lyttetlon in 1902, and other Captain Scott mementoes, while modern aeroplane engines, airscrews and other aviation items are the gift of the late T. R. McLaren, Mr E. R. Brown, Wing Commander A. B. Waters and the Auckland Branch of the Royal Aeronautical Society. A handsome eighteenth century inlaid mahogany bureau-secretaire is the gift of Sir Frank Mappin.

Educational Services

A new feature in this Report is the contribution by the Extension Services Officer. Members already know of the School Service and will observe that last year it received class visits from 137 Schools and sent nearly 400 travelling loan cases throughout the province. The Extension Service provides Museum facilities for adults and will make them available as widely as possible in country districts. It is a pioneer venture for New Zealand as was the establishment and active operation of the School Service in 1930; already the Extension Service has been well received and we are confident that it will develop and grow.

GILBERT ARCHEY

Assistant Director

The temporary moving of the department from the cramped quarters at the rear of the ground floor to the Geology Hall on the first floor has had compensations as well as disadvantages.

The chief disadvantage, temporary only, was the difficulty of finding things, since much of the material remained for some months in a semi-packed state. The main advantage, more space, has made possible a thorough overhaul and classification of all the molluscan and paleontological collections.

Most of the year was spent on this tedious but very necessary task, and within three months the entire reference collection of mollusca should be completely labelled and classified. The magnitude of this task can be gauged from the fact that, to the present, the labelled, numbered and classified species of mollusca total 69,832 lots contained in 1972 trays, each 20in x 14in, housed in 20 cabinets, each off tx 3ft x 2ft.

In addition, the collection of deep-water dredging samples was classified and transferred to uniform wooden boxes. These boxes, most of the trays and 47 of the storage cabinets were assembled personally.

Work on the renovation of the spirit material is progressing with the voluntary help of Mr C. E. Carter. The spirit collection of fishes, and general invertebrate material total about 13,000 glass jars and tubes.

The Museum continues to receive collections of Indo-Pacific molluscan material, quotas from a series of Pacific and Indian ocean expeditions conducted by the Academy of Natural Sciences of Philadelphia under the patronage of Mr A. J. Ostheimer. Collections from this source so far received cover the Cayman Island,

Samoa, Palau Islands, Dutch New Guinea, Ceylon, Zanzibar and Guam Expeditions, totalling several thousands of species lots. Further Indo-Pacific molluscan material was collected and presented by Commander H. R. Hatfield of H.M.S. Cook.

Other important accessions were an extensive collection of Stewart Island mollusca from Mrs R. H. Harrison, forty-nine holotypes of Pliocene and Miocene mollusca from Professor A. Lillie, Geology Department, Auckland University, and a good specimen of the Moon Fish, Lampris regins, taken at Cape Runaway and forwarded by Mr Frank J. Kemp.

Ten lectures were given including one in the Museum Sunday afternoon programme and a week-end series for the Coromandel

Community Arts Service.

Two overseas specialists in mollusca spent some time referring to the collections. They were Miss Virginia Orr of the Academy of Natural Sciences of Philadelphia and Surgeon-Commander Koyama of the Japanese Training Ship Gingamaru.

Three scientific papers were published during the year and a considerable amount of work went into two further research projects, one of which is nearing completion. These are a monograph of the Turrid Molluscs of the Indo-Pacific for the Academy of Natural Sciences of Philadelphia and a catalogue of the Antarctic and Sub-antarctic Mollusca for the Auckland Museum Records.

For the purpose of the Turrid monograph the Academy of Natural Sciences forwarded on loan the whole of their Indo-Pacific Turridae and the New Zealand Geological Survey did likewise.

Despite the difficulty of holding meetings in the Museum with the Library Hall out of commission and other normal facilities lacking, both the conchology and maritime sections have held regular well attended meetings.

A. W. B. POWELL

Ethnologist

The collections were increased by 756 specimens. Important gifts received during the year included a collection of bygones and ethnographical specimens from Mrs S. Payne, Sepik River material from the Edward Earle Vaile Fund and a fine collection from the Central Highlands of New Guinea presented by Dr M. Young.

Conditions in the department have been abnormal due to the further movement of material from the research and store-rooms to the New Zealand Bird Hall, and to the congested condition of

the temporary quarters. For the most part the material was packed in cases and then unpacked in the Bird Hall, but in order to economize with the space available a large quantity of stone implements, sinkers, grinding stones and other stone-ware was left packed all ready for the final move to the new building. Inevitably this has often hampered those wishing to study the material but in the circumstances it could not be avoided.

During the move and the settling-in process Commander Haynes has proved invaluable. He has participated in all phases of movement and rearrangement and in addition has continued to be responsible for the registration and cataloguing of specimens; he has also given much technical assistance.

Once again history students from the Ardmore Teachers' College under Mrs A. H. McNaughton undertook a week's archaeological field work on an island site. The results were quite satisfactory. Brief visits have been made to a number of districts, such as Dargaville, Matakohe and Anaura Bay to inspect material or interesting sites. At the request of the Adult Education Centre a ten-lecture course on "Maori Life and Culture" was again offered and was well attended. Sunday morning visits to the Museum and the use of many specimens supplied added interest to those taking the course. The Centre also arranged a week-end school at Gisborne at which two lectures were given and this also involved serving on a discussion panel. Nine other lectures were given to various bodies, including the opening lecture in the Auckaland Institute series, and one in the Sunday afternoon series.

The Occupational Therapy Training School sent a group of students to a lecture-demonstration at the Museum and parties from both the Christchurch and Auckland Teachers' Colleges were taken for a field afternoon on One Tree Hill. A number of research students have made use of the reserve collections and advice has been offered to a number of others concerning thesis work. At the request of the conveners, Mr and Mrs R. K. Morris, two visits were paid to Pukekohe to address, firstly, a meeting of people who wished to form an historical society, and secondly to lecture to the resulting newly-formed Franklin Historical Society. Two groups of Girl Guides were tested for the Maori badge.

Scientific and educational organizations again borrowed freely from the reserve collections. They included schools, colleges, dramatic societies and public libraries. To our great regret it will not be practicable to continue loaning material until such time as the department is settled in the new Wing. The appointment of the Extension Service Officer naturally made great claims on the lending services.

While attending the Third Annual Conference of the New Zealand Archaeological Association held at Wanganui I presided over the proceedings. I have also served as Deputy-Chairman of the National Historic Places Trust, and on the Council of the Art Galleries and Museums Association and of the Linguistic Society of New Zealand.

V. F. FISHER.

Botanist

In September 1958, I learnt with regret of the death on Little Barrier Island of Mr David Knowlton. He had nearly finished a study of a group of ferns for his Ph.D. degree, and his mother presented his collection to the Museum. During the year Mr T. Carrick Chambers presented a large collection of New Zealand ferns and mosses and Mr Mervyn Hynes presented back numbers of the Journal of the Royal Horticultural Society and Royal New Zealand Institute of Horticulture.

We sent eight hundred duplicate specimens, gathered by Mrs P. Hynes, to overseas institutions in response to requests for New Zealand material. In return for some ferns, the British Museum of National History sent us 120 dried plants, including some collected by Joseph Banks and Carl Solander, who visited New Zealand in 1769 on Captain Cook's first voyage, and some sent to England in the 1850's by Dr Andrew Sinclair, who was one of the founders of this Museum. I have continued to assist the Cancer Research Unit of the British Empire Cancer Campaign Society, Auckland, and the staff of the Chemistry Department, University of Auckland, with the collection and identification of plants.

In April 1958, I visited Fiji with the aid of grants from the Rockefeller Foundation, New York and British Empire Cancer Campaign Society, Auckland. I am indebted to the Fiji Department of Agriculture for growing my collection of taros under uniform conditions for several seasons. I am also most grateful to Mr John Parham of the Department who collected and identified medicinal plants under bad weather conditions. During August and September I visited New Guinea with Mr D. Yen of the D.S.I.R. to continue field work on taro and kumara varieties. Local agricultural officers at Biak, Hollandia, Lae and Rabaul assisted us to collect representative material and the Botany Department, University of Sydney, helped me with chromosome counts. I collected specimens of medicinal and food plants for the Museum collections and arranged for seeds of ornamentals to be sent from Lae and Canberra to the Director of Parks, Auckland.

Mrs Brookes has repainted the large display case at the entrance to the Botany Hall and re-written faded labels. We have re-arranged the material in the case and provided a new 'tree' showing the relationships of the main plant groups. Mrs Hynes has maintained the native plant table and, with Mrs Wood, provided an attractive display of manukas for the Auckland Horticultural Show at the Town Hall. Mrs I. Simpson, who assisted us as an honorary part-time worker from 1955 to 1958 left for Wellington during the year. Mrs Hynes and Mrs Wood continue to render valued help with the endless task of maintaining and building up the collections.

Mr S. G. Brooker and the writer have nearly finished the

Mr S. G. Brooker and the writer have nearly finished the manuscript of a handbook on New Zealand medicinal plants and the Botany Division, D.S.I.R., has supplied us, most generously, with copies of reports gathered during the war years for a survey

of emergency drug resources in New Zealand.

Finally, I must mention the deaths of Drs H. H. Allan, W. R. B. Oliver and Mr G. O. K. Sainsbury. The recent loss of these leading botanists has left gaps in botanical knowledge and experience that will be very hard to fill.

ROBERT COOPER.

Associate Entomologist

Integration of the several collections of New Zealand insects has continued during the year, this, together with the provision of new store-boxes has facilitated expansion of the collection and extension of its range.

Assistance in identification has been given by Dr Aola M. Richards of Plant Diseases Division and Miss B. A. Holloway of Harvard. Mr E. B. Britton of British Museum, Mrs B. M. May of Plant Diseases Division, Dr Richards and Mr J. C. Wall have kindly presented types of new species of cave wetas and beetles.

Collation of material for the Life Histories of New Zealand Insects display has continued and Mr McCaw has completed for it a further series of paintings of insect development and metamorphoses. A successful collecting trip to Mt. Ruapehu was made in March.

K. A. J. WISE.

Librarian

During the year, 1207 books were added to the library. Many were donations, and included a collection of books on the two world wars, and a complete set of the Geographical Magazine,

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from Mr H. C. Matheson, while a number of rare books on early New Zealand were donated by Miss G. Dennison. Among additions to the manuscript collection were some further Busby papers, deposited by Mrs Wynn-Lewis. This is a very important collection, covering as it does the earliest period of government in New Zealand. In addition to official letters to and from Busby, there are personal letters from Busby to his father and brothers, written between 1823 and 1839. A number of letters to the Rev. R. S. Jackson, were donated by Miss Charlotte Mytton. These are concerned with the Norfolk Island mission and are mostly from missionaries stationed there during the 1870's. Included are letters from Bishop Patteson and Bishop John Selwyn, and there is an eye-witness account of the murder of Bishop Patteson. As the use of the manuscript collection increases, it is becoming more and more desirable to have typed copies of letters and diaries, in order to reduce wear and tear on unique material. Some have already been done, and we are most grateful to Mr Gordon Williams who has undertaken to do some of this work for us

One hundred-and-eighty glass negatives belonging to the late Josiah Martin were given by his daughters, the Misses Martin. These photos were taken probably during the 1870's, and show various parts of New Zealand and aspects of Maori life. A number of other photographs have also been received by donation.

In August and September, the library was moved to temporary quarters in the Hall of Memories. The books formerly housed in the reading room were packed in boxes, but the New Zealand collection was made available on shelves. Although there has been some reduction in the borrowing figures, the use of the library has not decreased as much as might have been expected. An effort has been made to give members as good a service as is possible under difficult conditions. Two thousand and eighty-five people have used the library during the year, and 2794 books have been borrowed by members and other libraries.

In August, Miss Margaret Conradi left to be married, and the position was filled by Miss Lorraine Wilson.

We acknowledge with thanks donations of books, photographs, maps or money from the following persons:—Sir Edmund Hillary, Lieut-Commander D. N. Price, Dr Grace de Courcy, Dr Mary S. Palmer, Dr A. W. B. Powell, Rev. G. G. Carter, Rev. W. S. Dawson, Messrs Wilson and Horton, Messrs K. E. Adams, T. J. Bayliss, W. A. Clinton, F. G. Cookson, P. Gropper, A. Curnow, A. D. Darroch, C. E. Dornbusch, L. Alfred Eady, T. V. Fitzpatrick, D. Hay, O.B.E., C. G. Hunt, G. Hyde, R. F. Keam, T. F. Kennedy, H. C. Lambert, E. F. W. Lawson, H. C. Matheson, T. W. Mellor, H. M. Newton, C. J. Parry, R. E. Pulham, A. T.

Pycroft, M. E. Reizenstein, J. M. Stevenson, W. Wernham, Mr and Mrs Sparrow, Mrs Allhusen, Mrs Atchison, Mrs L. Barnes, Mrs Brien, Mrs Bush, Mrs Drummond, Mrs Key-Jones, Mrs N. M. Morris, Mrs B. P. Platts, Mrs Rutherford, Mrs S. Thomassen, Mrs A. Thompson, Misses S. F. Brooks, Cox, G. Dennison, Duigan, A. M. Geddes-Martin, L. Martin, P. Nelson, R. Owen, I. Ruddock, Searall, Tuke.

ENID A. EVANS.

Education Officer

Summary of services for the year ended 31st December, 1958: Attendances for one-hour lessons:—

Primary	Intermediate	Post-Primary	Total
21,298	2,394	4,038	27,730
Student T	eachers on Section:		110
Numbers	in Visiting Student	Teacher Classes:	349
Schools re	ceiving Loan Mater	ial:	

City: 75 Provincial: 320 Total: 395

This has been the most difficult year I have experienced. Despite the noise of building operations, the inconvenience of restricted displays and facilities, and acute staffing problems, it has been possible to deal with nearly 28,000 attendances of whom 1,700 were taken by their teachers. Under these circumstances, I have concentrated on the development of the loan material scheme to schools, which resulted in the serving of a further 77 provincial schools. This is the largest number ever admitted in one year. The innovation of distributing cases to urban schools by the carrying staff of the Auckland Education Board has vastly improved the city service.

After 21 years of collaboration between the New Zealand Education Department and the Auckland Institute and Museum, this department comes of age with a performance of teaching some 30,000 children annually, and of supplying loan material regularly to nearly 400 schools, which is more than half the schools in its region. If in 1938, the field were a potential one, the work of this department is now accepted practice in many schools and it is apparent from the others that the demand for the expansion of these services constituted a real need. Thanks are due to the Auckland and South Auckland Education Boards and to the Auckland and Ardnore Teachers' Training Colleges for their co-operation in promoting this service.

In February I was appointed the New Zealand representative

on the Education Committee of the International Council of Museums.

RICHARD A. SCOBIE.

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Extension Services

The scheme to place interchangeable displays in Borough and County public buildings throughout the province can now be considered established

This year, with Mrs Brookes's co-operation, we have completed nine panels on a range of subjects from shells to carved ivory. A tour was made in September and 15 local bodies were interviewed in the southern part of the province. Ten of these accepted the scheme, two indicated that they would be interested when libraries were built, and Taupo and Rotorua accepted cases for use in their local museums when completed.

At present eight displays are circulating. A new case was designed to be sent out in a knocked-down state without the glass. These can be supplied at £10 each.

Museum stands were set up at the Hamilton and Taumarunui Winter Shows. Useful contacts were made at Hamilton in particular and some material was presented to the Museum.

The full series of Institute Lectures was held; the Sunday lectures were continued but had to be limited to four owing to

the builders requiring the Library.

A series of small temporary exhibitions was commenced. An alcove next to the entrance was made available for the displays which run for approximately three weeks. Seven have been arranged: "She Shall Have Music" (a display of early musical contrivances and photographs), "Firearms of the Past," "Canoes of the Pacific," "The Story of Light," "Stone Age in the 20th Century," "People of Note in Early New Zealand," and "The Maori through the White Man's Eyes." Broadcasts about each display have been made through 1YA in the Women's Session, and occasionally also in the Children's Hour.

The Cambridge Historical Society brought their exhibit from the Hamilton Winter Show to Auckland. This was erected in

the Botany Hall and proved very successful

Displays of birds were also prepared for the Hamilton and Auckland Acclimatisation Societies and for the Whakatane and Whangarei Forest and Bird Societies. Lectures were given to Parents Associations in Whangarei and Taumarunui.

An exhibit was prepared for the Scout Jamboree and another

for the Pukekohe Historical Society.

An arrangement has been made with the Tourist Department for overseas tour parties to be conducted through the Museum. Since September approximately 100 parties have been received.

T. J. BAYLISS.

List of Benefactions

made to the

Auckland Institute and Museum

of an amount (or value) exceeding £50.

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.
 1878 Mr. J. C. Firth donated £106 for show cases.
 1884 Mr. Edw. Costley bequeathed £12,150.
 1887 Mr. David Nathan bequeathed £100.
 1897 Mr. T. Russell donated £100 for geological specimens.
- 1901 Auckland Citizens subscribed £1,000 for Mair Collection.
 1902 Mr. E. A. Mackechnie bequeathed £2,500.
- 1906 Auckland Citizens subscribed £662 for carved houses.
 1911 Auckland Citizens subscribed £684 for ancient carvings.
- 1913 Sir John Logan Campbell bequeathed £1,000.
- 1921 Institute Members subscribed £115 for Temple Bronzes.
 1923 Sir Wm. H. Herries bequeathed £1,000.
- 1923 Sir Wm. H. Herries bequeatned £1,000.

 1924 Citizens subscribed £698 for Maori collections.
- 1925 Institute Members subscribed £100 for Maori collection.
- 1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000. 1927 Mr. F. Shaw bequeathed £1,000.
- 1929 Mr. S. J. Ambury bequeathed £250.
- 1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.
- 1940 Mr. Maurice Harding bequeathed £500.
- 1941 Mr. Ormsby Gore Adams bequeathed £100 1942 Mr. J. A. Pond bequeathed £100 to commen
- Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
 Mr. E. Earle Vaile gave two blocks of shops and residences
- 1944 Mr. E. Earle Vaile gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
 - Mr. R. C. Horton gave £200 towards extending the mineral collection.

Sir Albert and Lady Ellis gave £150 for Library book-cases. \$428 received on account of a bequest by Mr. C. V. Houghton. Mitchelson Prize Fund increased to £100.

Mrs. Bertha Wilson gave £2,000 as an endowment for Cinematography Auckland Savings Bank gave £500 for improvements to Exhibition Halls

Auckland Electric Power Board gave £100.

- Mr. R. C. Horton gave £70 for purchase of Georgian Silver Tea Set.
- Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500 for purchase of ethnographical specimens
- 1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books. 1947
- Auckland Savings Bank Centennial Gift of £5,000 Mr. A. V. Hanson bequest of approximately £2,000.
- 1948 Mr. E. P. Mitchelson, bequest of £1,000.
- Mrs. Sarah Ann Powley, bequest of £171 Sir Cecil Leys bequeathed £1,000
- 1951 Mrs. Bertha Wilson gave £1,000 endowment for photography.
- 1952 Mr. James C. Entrican: Bequest of £1,000 for numismatics. 1954
- Captain G. A. Humphreys-Davies: Bequest of £500.

research on offshore islands.

- Sir Albert Ellis, C.M.G.: Bequest of £100. Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500. 1956
 - Sir William Goodfellow: £100 for early English ceramics. Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for

SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
- Mr. G. F. Edmonston: 564 volumes of scientific works. 1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.
- 1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection
- Mr. C. O. Davis: Valuable Maori collection.
- 1901 Mr. L. D. Nathan: Japanese Shinto Shrine.
- Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon. 1913
- Sir Edwin Mitchelson: Valuable Kauri Gum collection. 1915 Dr. C. E. R. Bucknill: Collection of Old English Glass. 1916 Mr. Henry Shaw: Collection of Japanese art.
- 1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection
- 1919 The Misses Yates: Collection of Indian weapons
- 1920 Mr. James Dunning: Collection of North American Mammals.
- 1921 Mr. W. A. Aldred: Valuable collection of Maori specimens. Hon. J. B. Turner: Important Fijian ethnographical collection
- 1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Her-barium of native and foreign plants.
- Mr. Wm. Sutherland: Melanesian ethnographical collection
 - Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection
 - Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.

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- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities.
 - Mr. H. R. Butcher: Collection of British coins.
 - Mrs. E. M. Ball: The Thos. Ball Zoological collection.
 - Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens.
 - , Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 Mr. F. Crossley Mappin: Valuable Maori carvings.
- Mr. Moss Davis: Valuable ethnograpical specimens.
- 1928 $\,$ Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box.
 - Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
 - Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.
 - Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
 - Mrs. S. J. Lushington: Large collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
 - Mr. W. R. McGregor: New Ireland carved memorial figures.
 Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
 - Rev. W. H. Webster: Large collection of mollusca.
 - Mr. C. E. Clarke: Large collection of N.Z. Insects.
 - Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.
 - Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exmibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of Nz. Jalnat.
- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Macri antiquities: additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
 - Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.

- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of hetrlooms of the Ngati-toa and Ngati-awa Tribes. Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost.
 The Admiralty: Model of H.M.S. New Zealand.
- 1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical cricks of the collection of the collection; carvings and polynesian ethnographical collection; carvings and organizations.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.
- 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history. Mr. W. Goodfellow: Large Melanesian collection.
- 1941 Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
 - Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.
- 1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
 - Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 Captain G. A. Humphreys-Davies: His extensive and valuable collection of Chinese arts. Mr. E. Earle Vaile: Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway: The late Mr. Hemingway's display and cabinet collections of insects. Colonel the Hon. F. Waite, D.S.O., M.L.C.: Further collections from Egyptian Pre-dynastic, Dynastic and Ptolematic periods.
- Mrs. B. Quigley and Miss E. Kenderdine: Large number of books on early New Zealand history. Mr. E. Earle Vaile: Collection of works on South Pacific exploration and New Zealand history. Captain G. A. Humphreys-Davies: Ancient Chinese bronze sculpture. Mr. J. C. Entrican: Large collection of Eastern Polynesian stone implements.

- 1945 Mr. W. G. White: A valuable very representative collection of Worcester and Chelsea China. Mr. E. Earle Vaile: Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund: Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
 - Mr. Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
 - Mr. Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
 - Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke."
- 1948 Sir Frank Mappin: 16mm Cine-sound projector.
- 1949 Mr. and Mrs. J. Yock: Old English sterling silver salver.
- 1950 Mrs. J. P. Campbell: Eighteenth century inlaid sideboard. Mr. Wm. Goodfellow: Delft vase and other early ceramics. Mr. V. J. Larner: Early china and delft vase.
- 1951 Mrs. Goldie: Twenty portraits of Maoris by the late Mr. C. F. Goldie.
 - Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
 - Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
 - Mr. W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 Mr. E. Earle Vaile: Selected early works on discovery and exploration in the Pacific.
 - Sir Frank Mappin: Eighteenth century silver and Sheffield plate.

 New Zealand Insurance Company: Suite of large cabinets and
 - library furniture.
 - Mr. William Goodfellow: Three Maori portraits by Lindauer. Sir Carrick Robertson: Collection of Zulu ornaments.
 - Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
 - Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.
- 1954 Mrs. Robert Cooper: Collection of botanical books and book-
 - Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
 - Mrs. P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.

- 1955 Dr. J. A. Clinch: English silver and Sheffield plate.
 - Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary, $\rm K.B.E.$
 - Mrs. A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
 - Mr. C. Roose: Set of 2000 charts of the Pacific.
 - Mr. G. J. H. Ovenden: Full set of publications of Palestine Exploration Fund.
- 1956 Miss E. Blumhardt: Large set of her paintings of native flowers.
 - The Misses C. M. and I. F. Stewart: Collection of Maori greenstone ornaments and weapons.
 - Sir Ernest Davis: Portrait of H.M. the Queen.
 - Mr. John Pybus: Five moa skeletons from Waitomo district.
- 1958 Rev. Canon Hubert Jones: Sets of English West-County history.
- 1959 Mrs. R. Rose: English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
 - **Dr. Marjorie Young:** Collection of ethnographical specimens from New Guinea highlands.
 - Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.

BALANCE SHEET AS AT 31st MARCH, 1959.

LIABILITIES		s d	æ	s d	ASSETS £ s d £ s
Capital Account as at 31/3/58	480,048	10 7			Buildings 206,672 16
Capital Expenditure from Re-	1.928				Edward Earle Vaile Property Trust— 40,000 0
Capital Expenditure from Revenue	3,683		485,660	1 10	Furniture and Fittings— 31st March 1958
Costley Bequest Mackechnie Bequest Campbell Bequest	7,700 2,000 1,000	$\begin{array}{cccc} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{array}$			Collections— 31st March, 1958 176,071 4 5 Additions during year 989 8 2
Harries Bequest Shaw Bequest Goldie Bequest Marshall Bequest Harding Bequest	1,000 1,000 1,000 550 500	0 0 0 0 0 0 0 0			Library Books— 177,060 12 31st March, 1958 28,811 6 7 Additions during year 2,207 6 9
Nathan Bequest Pond Cheeseman Bequest Gore Adams Bequest Mitchelson Prize Fund	100 100 100 100	0 0 0 0 0 0 0 0			
Houghton Bequest Cinematagraphy Trust Fund Auck, Savings Bank Trust Fund A. V. Hanson Bequest E. P. Mitchelson Bequest	824 2,000 5,500 2,250 1,000	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			N.Z. Government Inscribed Stock 38,120 14 4 N.Z. War Savings Investments 12,215 9 1 Australian Commonwealth Stock 1,970 10 0 68,769 19 E. E. Vaile Bequest— 68,769 19
A. G. Lunn Bequest	25 171 1,000 1,000	0 0 1 5 0 0			Properties
J. C. Entrican Bequest Humphreys Davis Bequest Sir Carrick Robertson Endowment	1,091 590 600	8 3 8 3 0 0			Interest Accrued 32 10 Sundry Debtors—
J. A. Mitchell Bequest Edward Earle Vaile Bequest	37,394 	0 0	68,621	17 5	Subscriptions

Reserve for Depreciation of Investments Subscriptions Accumulating Endowment Beserves— Besulding Maintenance Car Purchase Sir Albert Ellis Estate Specimen Purchase Adackechnie Library Mackechnie Mackechnie Mackechnie Library Mackechnie	20,605 5 7 5,440 13 6 1,113 0 0 100 0 8 1 1,33 18 11 1,43 8 17 1,04 8 17 10 10 0 2 92 17 5 10 10 0 0	Cash— 5,094 16 10 Post Office Savings Bank 5,094 16 10 Auckland Savings Bank 9,284 17 11 Petty Cash 20 0 0 0 0	
Edward Earle Valle Properties Trust: Obsolescence Fund Head of the Properties Committee Cocanographic Committee Rockefeller Foundation Grant Unexpended Endowment Income Sundry Creditors: Subscriptions	6,854 2 9 775 0 0 1,838 16 0 141 9 4 34 19 3 23 14 4		
Other Income and Expenditure Account— Balance 1/4/58 Less Balance 31/3/59	58 13 7		£602,518 13 11

GILBERT ARCHEY,

Treasurer.

INCOME AND EXPENDITURE ACCOUNT For the Year Ended 31st March, 1959

Insurance	7 7 0 4 177 9 5 0 0 3 3 17 9 7 3 5 3 18 5 0 0 8 7 0 7 1 8 0 21,819 17 10	Revenue) Contribution Boxes Guide Fees Sale of Publications School Service Expenses — Refund	21,839 7 8 30 17 10 114 5 0 488 3 3 4 14 8 177 7 10 66 19 1 749 18 5
	£27,015 2 4	Special Donations	327 8 11
Life Members Capital Reserve 14 Showcases Reserve 1.38	7 0 0 1 11 8 2 19 5 5,474 17 5	Balance brought down	279 12 11
FDWAF	Lister's 7 0 Lister's 7 0 Lister's 7 0 Lister's 7 0 Mortgages, Debentures and Government Store 6 19 0 2 11		
To Ethnological Specimens purchases Library Books purchases 1.66	s d £ s d 0 17 10 7 7 1 0 0 0 2,128 4 11	By Rents Received £ s d Less: Commission 279 10 2 Insurance 238 6 3 Repairs and Expenses 948 17 1	5,869 6 7
	£6,195 5 5	Interest	390 0 0

EDWARD EARLE VAILE TRUST ACCOUNT

Balance Sheet as at 31st March, 1959

To Capital Account	 	 	£ s d 40,000 0 0	Properties valued at £ 8 40,000 0
			MUSEUM ENDOW	MENT ACCOUNT
To Balance 31/3/59			£ s d 14,116 4 5	By Balance 1/4/58
			£14,116 4 5	£14,116 4
		LIFE	MEMBERS' SUBS	CRIPTIONS ACCOUNT
To Balance 31/3/59			£ s d 5,595 1 5	By Balance 1/4/58 5.448 1 1 147 0
	_		£5,595 1 5	£8,595 1
		ACC	CUMULATING END	DOWMENT ACCOUNT
To Balance 31/3/59			£ s d 509 9 0	By Balance 1/4/58 £ 8 By Balance 1/4/58 494 12 Interest to 31/3/59 114 16
			£509 9 0	£509 9

MACKECHNIE BEQUEST ACCOUNT

To Bala	nce 31/3/59	 	989			£ 10		d 2 2	By Balance 1/4/58 Interest to 31/3/59	 	 	 £ 10	8 4 6	_
				ME	MOR	IAL	наі	L	TRUST ACCOUNT					
To Bala	ance 31/3/59					£ 1,137	s 18 1	d 1	By Balance 1/4/58 Interest to 31/3/59 Donations			£ 1,096 32 8	8 7 18 13	d 8 0 3
					£	1,137	18 1	1				£1,137	18	11
				SPECIA	MEN	PUR	СНА	SE	RESERVE ACCOUNT					
To Bala	ance 31/3/59	 ****				£ 1,043	8	7	By Balance 1/4/58 Interest to 31/3/59			£ 1,013 30	s 0 7	d 9 10
					£	1,043	8	7				£1,043	8	7

ACCESSIONS 1958-59

Mr J. W. Alexandre: Badges of British Regiments.
Mr. G. Allan: N.Z. Infantry Diet Sheet.
Anonymous: Early Edison disc records.
Anonymous: Maori implements.
Anonymous: Navajo Indian silver ring.
Dr. G. Archey: Edward VIII Coronation Plaque.
Mrs. E. D. C. Badham: Indenture for apprentice deck caulker.
Mr. G. W. Barker: Shark tooth knife, Gilbert Islands.
Mr. R. W. Bates: Bronze equestrian statuette.
Miss S. Rowlison: Carved mask and paddle, New Guinea.
Mrs. Josephine Bell: Chinese embroidered robe.
Mr. J. Brennan: Badges of the 8th Southland Regiment.
British Museum: 130 sheets of botanical specimens.
Mr. S. G. Brooker: Prints of Moore-Jones Gallipoli pictures.
Mr. E. R. Brown: OX5 Curass aero engine.
Lt.Col. Kelvin Brown: Regimental flag 18th N.Z. Armoured Regiment.
Mr. J. C. Browne: Maori grinding stone.

Mr. J. C. Browne: Maori grinding stone. Mr. J. Spencer Browne and the late Mr. Warren Browne: Chinese and Indian ornaments.

Mr. W. E. Browne: Skull of native dog.
Mr. R. B. Burnett: Maori stone adze.
Mrs. H. M. J. Burrill: Compass from lifeboat of "PENGUIN" wrecked 1909

Bill Carpenter F.T.3. American Navy: Confederate \$5 note. Mr. T. Carrick Chambers: 2000 herbarium specimens of mosses and collec-

tion of ferns Mr. Paul Leonard Chamberlain: Wooden fern-root pounder, Paeroa

Mr. P. Au Leonard Chamberlam: Wooden tern-root pounder, Paeroa.
Mr. W. A. Clinton: Mills Bomb, carried out from Gallipoli by the donor,
member of the last party to withdraw.
Mrs. J. Chapman: Bandolier — South African War.
Rev. Father G. M. Colgan: Japanese carved ivory netsuke.
Mrs. O. S. B. Connell: Colf's percussion cap revolver.
Mr. C. D. Couper: Collection of military badges.
Miss M. Crookes: Set of Matthews orchids.
Major AA. Currey, M. M.: German steel helmet with sniper's reinforce-

ment.

Mrs. E. M. Davison: Birch bark letter and envelope

Mrs. E. M. Davison: Birch bark letter and envelope.
Dr. Grace de Courcy: Hookah, on stand.
Mr. C. W. Devonshire: Canoe thwart, Partua Bay; Cast of whale tooth tiki.
The Late Mr. and Mrs. W. Eccles: Chinese carved jar stands; Chelsea dish.
Mr. Daniel E. Fallon: Gold-case watch.
Mr. E. G. Fenner: Travellers' candlestick late 19th century.
Hon. Minister of Finance: Rolls-Royce Merlin aero engine.
Mr. P. R. Gardner: Grinding stone, Makarau.
Miss M. A. Geddes: Gollection of mounted ferns.
Miss J. E. Grant: Clam shell armlets and stone hammer heads, Solomon

Islands.
Mr. T. R. Harris: Dress sword and blunderbuss.

Mrs. R. H. Harrison: Mutton-bird pack, Stewart Island.

Mrs. Paul Hart: Netted loom, Venezuela.

Sir Edmund Hillary: Blue Peter flown by Discovery before leaving Lyttel-ton 1902, and other souvenirs. Captain W. L. H. Holmes: Collection of proclamations, First World War.

Mrs. Holmes: 19th Century English lace and Japanese brooch.

Mr. S. Hopkins: Three Staffordshire blue decorated mugs.
Mr. Mervyn Hynes: Booth pottery fake of Dr. Wall Worcester cup and

Mr. T. M., Johnstone: Pottery Jar, painted with moa and clematis. Mrs. A. M. Kibble: Late Victoriana. Mr. S. A. M. Kibble: Late Victoriana. Mr. Basil King: Stone adder, Mottapa Island. Mr. R. W. Knudsen: Wooden bailer or scoop, Kaituna Riyer. Mr. W. A. Kraiger: Whale vertebrae and another bone, Kimbolton. Mr. G. B. Lane and the Misses Lane: Jacobean carved cabinet front. Mr. C. Langklide: Small arms ammunition.

Mr. C. Langkilde: Small arms ammuntton.
Mrs. A. Lees: Citations for awards to Major E. L. D. Lees.
Mr. A. Lewis: Polished stone adze, Wanganui River.
Mr. John M. Loch: Sampler, made by Miss Crosbie, Symonds Street.
Mr. V. Lonsdale: Stone adze, Howick.
Mr. V. Lonsdale: Stone adze, Howick.
Mr. G. C. Magner: Long wooden ko (digging stick), Te Kowhai.

Mr. V. Lonsdale: Stone adze, Howick.
Mr. G. C. Magner: Long wooden ko (digging stick), Te Kowhai.
Mrs. Mangan: Fur shoes and handbag, Lapland.
Mrs. Mangin: Percussion cap revolver (Adams patent).
Mrs. J. B. Manson: The Mateking Mail.
Sir Frank Mappin: English inlaid mahogany secretaire-bookcase.
Misses Martin: Kiwi feather cloak and 4 Huia feathers.
Miss L. Martin: Elag and 3 keys from engine room of "Seeadler"; metal
Mrs. B. Martin: Elag and 3 keys from engine room of "Seeadler"; metal
Mrs. B. Mercel and the stone of t

Mrs. S. R. Norris: Gold embroidered cloth and pair of beaded slippers,

Java; Japanese sandals.

Mrs. Susan Payne: Collection of ethnographical specimens and decorative

arts.

F. E. Perry: Flint knives and flakes, Fayum Oasis Mr. G. Phillips: Fragment of handle of patu onewa.

Mr. Ken Pickett: Stone adze, sharpening stone.
Mr. H. J. Pinn: Coin balance and collection of war trophies.
Police Department: Early pistols and revolvers.

Mr. M. E. Preece: Dress uniform, N.Z. Volunteers.
Mr. R. A. Prouse: Lemonade bottles with marble stopper.
Edward Earle Vaile Fund: Important ethnographical specimens; early

English pottery and porcelain; textiles, and muscial instruments. Mr. A. T. Pycroft: War cartoon by Trevor Lloyd; powder and shot measures

Mr. J. G. Quarrie: Service Medals of 12/1775 G. H. Quarrie.

Mrs. Kathleen Renshaw: Collection of medals.

Dr. Aola M. Richards: Type specimens of N.Z. Cave Wetas.

Mr. A. C. Robertson: Early folding camp bedstead.

Sir Carrick Robertson: Books of fern-specimens; pistols; Fijian war club.

Mrs. R. Rose: Japanese lacquer and inlay cabinet; English Sheraton cabinet. Royal Aeronautical Society (Auckland): Rotary aero engine; air-screws, and duel control brace.

Miss I, Ruddick: Kauri gum (spun); silk-worm silk; two porcelain figures; jug; mate bowl and spoon; map of Thames Goldfield; wooden deed

Mrs. W. J. Rutherford: Collection of coins.

Mr. P. Salle: Fragment of greenstone figure

Lt.Colonel A. M. Samuel: Souvenirs of First World War.

Dr. E. G. Sayers, C.M.G.: Two tridacna and turtle shell head ornaments, Simbo Island.

Mr. John Seabrook, A.F.C.: Two mementoes of Te Rangi Hiroa.

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Mr. R. A. J. Smith: Insignia and warrant of Imperial Service Order.

Mrs. H. M. Swinnock: Chinese lacquer workbox.

Dr. R. M. S. Taylor: Collection of ferns made by Rev. Richard Taylor.

Mr. W. Thompson: African ethnographical specimens.

Miss Tuke: Shepherd's crook, Crete.

Mrs. van Staveren: Collection of Army badges.

Mr. M. A. Waller: Drill point and flint lock gun barrel

Major E. Ward: Sheffield plate candlestick and snuffers.

W/Cdr. E. B. Waters: Aircraft propeller, Gloster Grebe aeroplane

Mr. M. M. Watson; North American stone implements.

Mr. C. Watt: Large calcite crystal.

Mrs. R. A. Wharfe: Picture of "Seeadler" with inset of von Luckner.

Mrs. R. A. White: Piano brought to Auckland in early days.

Mr. E. D. Willis: Wooden rose of Dactylanthus, New Caledonia. Miss A. J. Wilson: Wooden lime spatula, New Guinea.

Mr. Phillip Wilson: German flag taken in Samoa.

Mi. I minp Wilson. German nag taken in Samoa.

Mr. C. H. Woodman: Slender wooden bird spear; fern-root beater.

Mr. A. A. Wright: Model of Spitfire aricraft, made by donor. Mr. Dougles Yen: Ethnographical specimens, Dutch New Guinea

Dr. Marjorie Young: Collection of ethnographical specimens, New Guinea.

Birds accidentally killed: Mr. W. J. Adams, Mr. G. F. Blaney, Mr. C. L. Broomlield, Mr. W. E. Browne, Mr. R. N. H. Bulmer, Mr. I. K. Caldwell, Mrs. Cameron, Mr. T. G. Carter, Mr. R. B. Sibson, Mr. and Mrs. Goodall, Mr. I. A. Johnston, Mr. G. Mason, Mr. B. Mc-Arthur, Mr. D. G. Smith, Auckland Zoological Gardens.

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The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year.

Money is urgently needed to widen its activities and increase its service to the community by the spread of knowledge among present and future citizens.

If additional help cannot be given now, a bequest would be of great value.

Form of Bequest.

I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of \pounds

free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

