

NEW SOUTH WALES.

AUSTRALIAN MUSEUM.

(ANNUAL REPORT OF THE TRUSTEES FOR THE YEAR, 1935-1936.)

TO HIS EXCELLENCY THE GOVERNOR,

The Trustees of the Australian Museum have the honour to submit to your Excellency their eighty-second Annual Report, being that for the year ended 30th June, 1936.

The reports of the various sections demonstrate that during the year the Museum has continued to make substantial contributions to scientific investigation and to give valuable assistance and advice to various Departments of State and to others concerned with primary and secondary industries.

1. TRUSTEES.

At the December meeting Mr. F. S. Mance was re-elected to the office of President for the year 1936.

After prolonged periods of illness, Mr. G. M. Blair, Dr. F. E. Wall and Dr. G. A. Waterhouse resumed attendance at meetings of the Trustees.

Leave of absence while visiting Europe and America was granted to Mr. E. C. Andrews, Professor W. J. Dakin, Dr. F. E. Wall and Dr. G. A. Waterhouse. Mr. Andrews, Professor Dakin and Dr. Waterhouse were deputed to represent the Trustees at the 1936 meeting of the Museums Association at Leeds.

At the Centenary Celebrations of the Geological Survey of Great Britain, the Museum was represented by Professor H. C. Richards.

The Trustees conveyed their congratulations to Mr. John Spence, Auditor-General, on receiving the honour of the title C.M.G., and to Sir Charles Rosenthal on his election to membership of the Legislative Council.

A list of the Trustees as at 30th June, 1936, appears as Appendix A.

2. STAFF.

The Australian Museum (Amendment) Act, 1936, was assented to on 9th April, 1936. This Amendment extends to Museum officers the full privileges of long service leave according to their period of service under the Board of Trustees.

In order that it might be possible to open the Museum to the public at 10 a.m. as formerly, representations were made to the Public Service Board for an increase in the number of Museum Attendants. A request has also been made for the appointment of a Library Assistant, as it is felt that the work of the library cannot be adequately carried out by the Librarian single-handed.

A list of the staff will be found in Appendix B.

3. HONORARY STAFF AND HONORARY CORRESPONDENCE.

The Trustees approved of the following appointments to the Honorary Staff:—Mr. C. F. Laserson, Honorary Correspondent; Professor J. L. Shellshear, M.B., Ch.M., Honorary Archaeologist.

Lists of the Honorary Staff and Honorary Correspondents will be found in Appendices C. and D., and the opportunity is taken to express appreciation of the services rendered by them to the Museum.

4. FIELD WORK AND COLLECTING.

Mr. G. P. Whitley visited Lindeman Island, North Queensland, and was successful in amassing a large collection and much information regarding the marine fauna. Mr. Norman Wallis invited the Trustees to appoint a member of the staff to accompany himself and others on a cruise on the motor yacht "Wanderer" to visit

Elizabeth and Middleton Reefs. Mr. Whitley was chosen for this trip, which resulted in the collection of a representative series of the fauna of these outlying and little known reefs. The Trustees are indebted to Mr. Wallis for this opportunity. Mr. F. A. McNeill paid a visit to Brisbane in connection with investigations on the timber-boring organisms of Moreton Bay and the Brisbane River. Mr. F. D. McCarthy and Miss E. Bramell, in association with Professor J. L. Shellshear, carried out archaeological reconnaissance work in various parts of the Sydney district, which contains many evidences of former aboriginal settlement. The Director, Dr. C. Anderson, and Mr. H. O. Fletcher collected various fossils at the Brookvale Quarries, near Sydney.

The collection of specimens on behalf of the Museum has been carried on by Mr. C. Volskou, Mackay, Queensland; Mr. E. J. Wauchope, Sepik River, New Guinea; the Rev. A. H. Boyce, Solomon Islands; Rev. J. B. Poncelet, Bougainville. As a result of their efforts many interesting and valuable specimens have been added to the Museum collections.

5. DONATION OF SPECIMENS.

Mr. Ernest Wunderlich, F.R.A.S., has continued to show his deep interest in the work of the institution by presenting a further valuable collection of archaeological specimens. Mr. H. J. Carter, Honorary Entomologist, presented to the Trustees his collection of types of Australian Coleoptera, the result of many years' work. Mr. T. P. Austin presented his extensive collection of the eggs of Australian birds, contained in special cabinets, and many private collections of Australian birds' eggs have been taken over and added to the Museum collection. The Trustees are indebted to many other donors, particulars of whose gifts will be found in the reports of the various sections.

6. EXCHANGES WITH MITCHELL LIBRARY.

Various manuscript and objects which it was considered would be more appropriately housed in the Mitchell Library have been transferred to that institution. These included the "Corner" copy of Captain Cook's Journal and other Cook manuscripts. In exchange the Trustees received from the Mitchell Library an extensive collection of coins, tokens, and medals, and many specimens of ethnological interest.

7. AUDIT AND CHECK OF SPECIMENS.

To give effect to the Auditor-General's suggestions a central record of accessions of specimens was installed, to facilitate audit inspection and record receipt and distribution of specimens. From time to time the Director has made a systematic check of type and other valuable specimens.

8. GALLERY DISPLAY.

The Director, after conference with the staff, furnished reports and suggestions for the improvement of gallery exhibits. Various improvements not involving undue expenditure have been carried into effect, and various special exhibits have been made. An exhibit of fluorescent minerals, with special housing cabinet and light installation, was planned and installed in the mineral gallery. The Caves Group has been completed and the Platypus group is almost ready for casing.

9. LIBRARY.

The accessions totalled 276 volumes besides loose parts and reprints.

It is regretted that owing to lack of assistance library work has fallen into arrears, with consequent deleterious effects on the general work of the institution.

10. PUBLICATIONS.

During the year Vol. XIX, Parts 4 and 5, of the "Records" of the Australian Museum, and Vol. V, Parts 11 and 12, and Vol. VI, Parts 1 and 2 of the Australian Museum Magazine were issued.

A further supply of Postcards of Australian birds, with accompanying leaflets, was taken over from the printers, comprising series out of stock.

11. ESSAY COMPETITION.

In order to stimulate interest in nature knowledge and the work of the Museum the Trustees decided to promote an Essay Competition among school children, based on exhibits in the Museum. Money prizes were allotted in three groups as follows:—

Group I (age 15 years and over).

Group II (age 12 to 15).

Group III (under 12).

In addition the President presented a special prize of a gold medal, to be awarded for the best essay in any group. The competition was held in various schools in May. At 30th June the awards had not been made.

12. PUBLICITY.

Publicity in the form of the display of showcards in trams and in brochures issued by the Government Tourist Bureau, has been continued.

Thirty-six Poster Designs, the work of the Art Students of the East Sydney Technical College, were presented to the Trustees. These have been suitably framed and have been used for display by Mark Foys Ltd., David Jones Ltd., Farmer and Co. Ltd., Nock and Kirby, Ltd., and the Government Tourist Bureau.

13. LECTURES AND BROADCASTS.

Popular Science Lectures and School Lectures have been continued, and many voluntary lectures have been delivered by members of the staff to various educational institutions and other associations outside the Museum.

The total attendance at the various series of lectures was as follows:—

	Attendance.
11 Evening Lectures	1,882
8 School Lectures	1,291
52 Voluntary Lectures	5,090

Broadcast Talks were delivered by Mr. J. R. Kinghorn.

Details of Museum Lectures and attendances will be found in Appendix F.

14. EMPIRE MUSEUMS' CONFERENCE.

A conference of Directors and Curators of Museums and Art Galleries in Australia and New Zealand was held in Melbourne during the month of May. This conference was promoted and financed by the Carnegie Corporation, New York. During the meeting, which was largely attended, the subject of the Carnegie Corporation grants for the improvement of the educational services of Australia and New Zealand Museums and Art Galleries was discussed at length and various suggestions were considered, having for their object the promotion of the work and well-being of the various institutions concerned. Preliminary steps were taken to establish an Australian and New Zealand Museums and Art Galleries Association.

Copy of the report of the Conference proceedings was received by the Trustees.

15. BUILDINGS AND EQUIPMENT.

The President interviewed the Minister for Education and was informed that Cabinet could not see its way to include in the loan estimates an amount for Museum buildings extension. The whole question of extensions to the Museum buildings and improved storage facilities has from time to time been brought before the Government, and an extension on the William-street front, providing for an imposing main entrance, was submitted to the Executive Committee of the King George V. Memorial, for consideration as a fitting memorial to His late Majesty.

The lack of proper lighting in the palaeontological and mineral galleries was brought under the notice of the Department of Works and an inspection was made by officers of that Department. It is hoped that in the near future these galleries, which form part of the oldest wing of the building, will be adequately lighted.

Improvements in the display of minerals was initiated by the installation of five handsome metal cases. The installation of these cases involved the removal of the existing hand-rail and iron work running round the mineral gallery. It is hoped that in time the whole mineral collection will be housed in similar up-to-date display cases.

16. FINANCIAL.

A request for the restoration of the Statutory Endowment to the original amount of £1,000 annually was not granted by the Government, but the amount of the Parliamentary Vote was increased by £360.

The total nett expenditure from Consolidated Revenue for the year (excluding Statutory Endowment of £800) was £15,620 7s. 9d., compared with £14,380 15s. 2d. for last year. Nett expenditure from Trustees' Account Funds (including Statutory Endowment) was £1,308 3s. 1d., compared with £1,371 11s. 10d. for 1934-35. The cash balance in the Trustees' Account at 30th June was £286 10s. 9d., as against £167 2s. 4d. at 30th June, 1935.

Statement of Receipts and Expenditure and the Revenue Account for the year will be found in Appendices H and I.

17. PUBLIC ATTENDANCES.

Statistics of attendance for the years 1931-1932 to 1935-1936 are appended:—

	Week-days.	Sundays.	Total.
1931-1932	191,380	59,837	251,217
1932-1933	166,749	53,901	220,650
1933-1934	136,066	48,478	184,544
1934-1935	150,481	58,734	209,215
1935-1936	145,916	56,501	202,417

18. THE COLLECTIONS.

Mammals (E. le G. Troughton in charge).

Acquisitions during the year included the ourang "Freda," a dingo, a hyaena, specimens of rock wallabies from the Townsville district, and a platypus, all presented by the Taronga Park Trust.

A series of type specimens of indigenous mice, recently described by Mr. Troughton in the "Records," was presented by Mr. F. L. Berney (through the Queensland Museum), from whom we also received specimens of four species of small bats. As a result of assistance given in the study of the rat problem in health and commerce, an interesting collection of several species from the Mt. Hagen district, Territory of New Guinea, was received from Dr. G. A. M. Heydon; from the Queensland Government Bureau of Sugar Experiment Stations we received fine examples of several species of rats from various localities in the sugarcane areas; rats were also received from the Colonial Sugar Refining Company.

An acquisition of special interest and value was a specimen of the Western Australian species of Marsupial Mole (*Notoryctes caurinus*) received, through the kindness of Professor A. N. Burkitt, Trustee, from the Department of Anatomy, University of Sydney. A small collection of marsupials, rodents, and bats was presented by Mr. N. J. Plomley, and a fine example of a Pekinese dog, a Grand Champion, was received from Mrs. E. Williams. Three species of small bats from the Rockhampton district, Queensland, were received from Mr. H. H. Finlayson, Hon. Curator of Mammals, South Australian Museum (part of a collection submitted for identification), and an interesting series of small bats from North Queensland was received from Mr. A. J. Marshall, Honorary Ornithologist, who also sent a first instalment of marsupials and rodents from the Eitape district, Territory of New Guinea.

By exchange we obtained a varied collection of small mammals from the South African Museum. Purchases included a Long-beaked Ant-eater from the Mt. Albert Edward Range, Papua; a bat and a second specimen of a new rat from Bougainville Island; and a series of the New Naked-tailed rat, *Melomys limicauda*, Troughton.

Large and small bats were collected at Lindeman Island, North Queensland Coast, by Mr. G. P. Whitley, staff.

Mammal specimens, old and new, treated by the Taxidermists (Messrs. H. S. Grant, J. H. Wright, and W. Barnes) numbered 485.

Progress has been made in the construction of the Platypus Habitat Group, the various sections being now assembled in the gallery, and the artist, Miss E. King, is at work painting in the background. Mr. Harry Burrell, who has made a close study of the platypus and its habits, has given much valuable advice as to details of the group.

Assistance was afforded to the Chief Secretary's Department, the Board of Health, the Harbour Trust, the School of Public Health and Tropical Medicine, and the Technological Museum.

Series of rats were identified for the Department of Agriculture (Sugar Experiment Bureau), Queensland, and for the Colonial Sugar Refining Co. A collection of mice and rats was identified and described for the Queensland Museum.

At the request of the Taronga Park Trust a tableau of foreign mammals was placed on view in the windows of Sydney Ferries Ltd., Circular Quay.

Mr. H. S. Grant, Chief Taxidermist, assisted the Police in regard to possum skins believed to have been illegally obtained, and also inspected and identified imported mammal skins for the Chief Secretary's Department, and live animals intended for export, for the Department of Customs.

Mr. W. A. McDougall, Queensland Bureau of Sugar Experiment Stations, was given instructions in the methods of preparing mammals for preservation and study.

Besides the usual evening lecture and school lecture Mr. Troughton gave an address on Australian Mammals to Scout Leaders.

Skeletons (E. le G. Troughton in charge).

Important additions to the collection included a Papuan skull, presented by Mr. Melbourne Ward, and the skull of a Telugu man, received in exchange with the Madras Government Museum, India. An important donation was the skeleton of a False Killer Whale, Dornoch, Firth, Scotland, presented by the British Museum (Natural History). A useful series of crania of various mammals was received from Mr. B. L. C. Stoyles, and the skull of a Torres Strait dugong from Mr. Colin Simpson.

One hundred and seventeen skulls were prepared by the Articulators (Messrs. G. C. Clutton and J. Kingsley) and three were mounted for the Colonial Sugar Refining Company.

Birds (J. R. Kinghorn in charge; W. Boardman, Assistant).

During the year 172 birds were added to the collection, of which 103 were presented and twelve received in exchange from the Museum für Naturkunde, Berlin. An additional 67 were received from the Police Department as a result of action taken against persons holding collections without license. From the Police Department, too, were received over 60,000 eggs, but as yet only a portion of these has been registered.

and incorporated. A collection of about 2,000 eggs, formerly in the possession of the late Professor L. Harrison, was presented by Mrs. Harrison, and five fine cabinets containing about 8,000 eggs, were presented by Mr. T. P. Austin, along with a register containing full data regarding the specimens.

156 new skins were prepared and 49 old skins, including gallery exhibits, were renovated.

A specimen was mounted for the Broken Hill Museum and a Bird of Paradise was mounted for the s.s. "Katoomba" for publicity purposes. Exhibits were prepared and lent to several business houses, due acknowledgment being made to the Museum, and exhibits were placed at the disposal of photographers and others for various purposes. A special display was made at Farmer and Co.'s premises during the Children's Display at Christmas time.

Mr. Kinghorn and Mr. H. S. Grant, Chief Taxidermist, made many inspections of shipments of birds, and also assisted the police in identifying eggs believed to have been illegally obtained. Mr. Kinghorn assisted the Chief Secretary's Department in regard to the Birds and Animals' Protection Act, and has kept in touch with the Game Departments in other States, particularly in an endeavour to secure more uniformity in the regulations concerning the granting of permits for the exportation of Australian birds.

The cellar store rooms were thoroughly overhauled, the various skeletons therein being removed and the insect-eaten shelves and partitions demolished. The lighting was thus improved and space provided for a number of egg cabinets.

Reptiles and Batrachians (J. R. Kinghorn in charge; W. Boardman, Assistant).

About 412 specimens were accessioned during the year, including 262 donations, 119 collected, and 31 received by exchange with the Albany Museum, South Africa. The chief donors of specimens were Mr. J. M. Rankine, Moola, Queensland; Mr. Hans Kroyer, Lindeman Island, Queensland; and Mr. David Wass, The Plains, Nyngan, New South Wales. To Mr. S. Benney we are indebted for a comprehensive collection made in the Pilliga Scrub, New South Wales.

Fishes (G. P. Whitley in charge).

Over 1,300 specimens were registered during the year, of which over 1,000 were collected at Lindeman Island, Queensland, by Mr. Whitley and Mr. Melbourne Ward. These included portion of a Devil Ray, some new species and various rare examples or forms not hitherto represented in the Museum collection. Mr. C. Lewis presented many exotic aquarium fishes, and Mr. C. J. J. Watson contributed some specimens from the Brisbane River. Trawled species were presented by Captain K. Moller and Mr. Melbourne Ward. Fishes from the hitherto unexplored Elizabeth and Middleton Reefs were collected by Mr. Whitley, who also obtained various coastal species from Bateman's Bay and metropolitan beaches.

The stored and exhibited collections are in good order, but it has not been possible to catalogue all the year's accessions. A series of fishes from Nauru, submitted by Professor Dakin for identification, has been only partly worked over. A large collection of soles which had been sent to M. Paul Chabanaud, Paris, several years ago was returned in excellent condition, and a very satisfactory exchange of specimens was effected.

The Articulators prepared casts of a Flutemouth, a Carp, and a Mako Shark.

Mr. Whitley was called by the Crown Law Department to give expert evidence in three cases brought by the Health Department against fishmongers accused of selling fillets not of the nature demanded by the purchaser, and on 27th September he attended a conference of fisheries with Sir George Julius, Sir David Rivett, Professor W. J. Dakin, and Messrs. T. C. Roughley and S. Fowler.

Many inquiries from the public and the press have been attended to as usual, and Mr. Zane Grey and his companions were provided with books and information relating to Australian sharks and game fishes. Numerous institutions and departments were supplied with technical information, including the University of Sydney (Zoology Department, and School of Public Health and Tropical Medicine), Technological Museum, Customs Department, Royal Zoological Society, Department of Agriculture, Rabaul, American Museum of Natural History, Smithsonian Institution and others.

During the year Mr. Whitley delivered a number of voluntary lectures to various bodies such as the Royal Zoological Society of New South Wales, the Aquarium Society and the Geographical Society of New South Wales.

Insects, Arachnids, etc. (A. Musgrave in charge; K. C. McKeown and Miss N. B. Adams, Assistants; Dr. G. A. Waterhouse, Honorary Entomologist).

Dr. Waterhouse was absent on leave during the greater part of the year.

The principal donation was the large collection of Coleoptera, including types and material previously unrepresented in the Museum, by Mr. H. J. Carter. Mr. J. W. Evans presented types of Jassidae (Leaf-hoppers), and Dr. E. C. Chisholm types of Millepedes collected by him on the Comboyne plateau and determined by Dr. K. W. Verhoeff, as well as a series of European Diplopoda identified by Dr. Verhoeff. Mr. Consett Davis presented type material of Embiididae collected and named by himself.

The gallery collection has been revised in part, the exotic butterflies being rearranged by Mr. Musgrave and Miss Adams, who have also commenced the work of overhauling, identifying, and cataloguing the Arachnids and Myriapods, which have accumulated during the last few years. In the reference collection the Australian moths of many families have been brought up to date in nomenclature, and the Australian Hemiptera have also been revised and rearranged in the cabinets.

A number of slides of Nycteribiidae have been prepared preliminary to research work on these parasites. Mr. McKoewn has continued his work on the Cerambycidae and the investigation of the food of trout in New South Wales. During the year he visited the Tuross River and made extensive collections of insects, paying special attention to the species which figure as trout food.

As in previous years, a considerable amount of assistance has been given to other museums and to various departments in identifying insects and spiders.

Conchology. (T. Iredale in charge; Miss J. Allan, Assistant.)

Acquisitions during the year total 7,137, including donations 6,759, exchanges 362, purchases 16. These have been registered and incorporated in the reference collection. Much interesting material has been received from Mr. H. S. Mort, Messrs. C. F. and J. Laceron, Mr. W. L. Dingledei, Captain K. Moller, and others.

Reorganisation of the gallery exhibits has been continued by Miss Allan, and a great improvement has been effected in display. The reference collection has been kept in order, and the many additions have led to revision of several groups.

Only local field work has been carried on, but Messrs. G. P. Whitley and Melbourne Ward have provided collections of great value for comparative purposes.

Several school collections and exchanges have been prepared during the year, and specimens have been lent for display purposes. Assistance has been afforded to various departments, such as the Maritime Services Board, the Department of Veterinary Research, and the Council for Scientific and Industrial Research.

Several voluntary lectures have been delivered during the year by Mr. Iredale and Miss Allan to various sections of the Royal Zoological Society of New South Wales, to Parents and Citizens' Associations, to the University Women's Settlement, and others.

Lower Invertebrates. (F. A. McNeill in charge; A. A. Livingstone, Assistant.)

The chief accessions were collections made by J. Reynolds-Morris at Darwin; Captain K. Moller at Broughton Island; and Mr. G. P. Whitley at Lindeman Island.

The Museum collection of Isopoda Terrestria, on loan to the University of Western Australia, has been returned and incorporated in the reference collection, after being examined and checked. Specimens of *Phreatoicus*, on loan to the same institution, have also been returned. A series of freshwater crayfishes was assembled for study at the National Museum, Melbourne, and later received back. Following a request from the South Australian Museum, a series of Amphipoda was forwarded for study and identification. An exchange of Ophiuroidea was effected with Dr. Th. Mortensen, Copenhagen. The extensive series of Porifera collected by the Mawson 1911-1914 Antarctic Expedition, and described by Dr. Burton, of the British Museum, was received back and carefully checked before final storage in the reference series. A large collection of Asteroidea was forwarded by the National Museum, Melbourne, for examination and identification, and a smaller collection was submitted by the South Australian Museum for the same purpose.

The very large collection of Bryozoa made by the British and Australasian Antarctic Expedition has been received from the University of Adelaide for examination and description by Mr. Livingstone.

Many examples of marine crustacean wood borers have been examined and reported on for the Maritime Services Board, New South Wales, and the Sub-Department of Forestry, Queensland. Mr. McNeill revised the manuscript of the Report on the Marine Boring Organisms of the Port of Brisbane, and in connection with this work paid a visit to Brisbane to examine the various stations.

Collections of duplicate material have been prepared and forwarded, with full explanatory labels, to several country schools.

The large reference collection has been attended to throughout the year. It is regretted that it has been found impossible to arrest the growth of mould in the dry cabinet collection, which is still housed in unsatisfactory quarters in the iron storage sheds. Revision of the collection of Asteroidea is nearly completed.

Mr. McNeill has continued to collaborate with Mr. R. A. Johnson, Maritime Services Board, in preparing a Supplementary Report on the Marine Boring Organisms of the Port of Sydney, and has also continued to work on the Decapoda collected by the British Great Barrier Reef Expedition of 1928-29.

Anthropology. (C. Anderson in charge; F. D. McCarthy and Miss E. Bramell, Assistants.)

Accessions during the year were unusually large, numbering 5,153. Donations of stone implements included 658 specimens from the south coast, presented by the Rev. A. J. Barrett; 100 from western New South Wales, by Mr. C. C. Towle; 1,000 from a cave near Emu Plains, by Messrs. C. C. Towle, F. D. McCarthy, and G. Bunyan; 518

Tasmanian, by Mr. F. D. Maning. Mr. E. Wunderlich presented 158 objects from Egyptian tombs, and Mrs. A. E. Parker 114 Solomon Island specimens. From Dr. V. M. Copleson we received three deformed and decorated skulls from the New Hebrides, and from Mr. J. W. Andrews two boomerangs and three clubs from the Shoalhaven district, New South Wales. Our New Guinea collection was increased by 45 specimens from the Mount Hagen district, and several specimens from the Upper Fly and Strickland Rivers. Professor J. L. Shellshear, Honorary Archaeologist, presented a series of endocranial casts of anthropoid apes and primitive types of men.

About 700 stone implements, mainly of the scraper type, were collected on the south coast and in the Emu Plains district, New South Wales.

By exchange we acquired six Maori objects from the Auckland Museum, 54 specimens, including a very fine Maori tiki, from the Mitchell Library, five specimens from the National Museum, Melbourne, and 203 flint implements from the Mount Gambier district of South Australia. The principal purchase was a collection of 493 stone implements from the Kongerong Hills district, South Australia.

Gallery exhibits have been added to and rearranged. Grave posts from Melville Island and Arnhem Land, and bark paintings and ceremonial objects, have been added to the Australian section, and a display of bone and greenstone mere have been included in the Maori section. A start has been made on the rearrangement of the Australian stone implements exhibit, which is planned to show distribution of types and affinities with other cultures.

Three special exhibits were placed on view in the Main Entrance Hall, namely, a selection of exceptionally large stone implements from Australia and the Pacific, a series of specimens from the Mount Hagen district, New Guinea, and a collection of Indian brass ware presented by Mrs. E. Harber.

A selection of Mount Hagen material was exhibited at the *Conversazione* of the Royal Society of New South Wales on 12th August, 1935, and an exhibit of "The Art of Primitive Peoples" was made at the annual Exhibition of the Arts and Crafts Society of New South Wales.

The stone implement reference collection has been overhauled, the axes classified according to varieties and localities and stored in gallery cabinets, the percussion stones and grindstones in the store rooms, and the small flaked material from New South Wales in workroom cabinets. Cataloguing of this material is proceeding.

The problem of storage in the Anthropological Section is acute. Floor space is available, but the provision of cabinets is inadequate, and there is urgent need for this deficiency to be taken in hand.

Many inquiries, verbal and written, have been attended to, and assistance was given to Mr. N. B. Tindale, Anthropologist to the South Australian Museum; Mr. D. A. Casey, Honorary Archaeologist, National Museum, Melbourne; and Mr. C. C. Towle, who is working on the chipped instruments of Australia. Information on ritual objects of the Australian aborigines was given to the Rev. W. Deane, who is writing a book on religion, and the manuscript of a children's book on the aborigines of Australia was examined for Messrs. Whitecombe and Tombs, publishers.

A considerable amount of field work and collecting was accomplished during the year. A rock shelter at Emu Plains, which was excavated during a series of week-ends by Messrs. C. C. Towle, F. D. McCarthy, and G. Bunyan, yielded a large collection of specimens; these were deposited in the Museum, and indicate a hitherto unsuspected sequence of stone implements in New South Wales. A programme of work has been drawn up to collect archaeological evidence from the old camp sites of the aborigines in the Sydney district, which was at one time inhabited by a considerable aboriginal population.

Reconnaisances have been carried out by Professor J. L. Shellshear, Honorary Archaeologist, Mr. F. D. McCarthy, and Miss E. Bramell, covering the shores of Port Hacking, George's River, and part of the Hawkesbury River district, and detailed reports and maps have been prepared, and recommendations made for future work and for the preservation of certain groups of cave paintings. In this work valuable assistance has been received from the Fisheries Branch and Fisheries Inspectors.

Various voluntary lectures were delivered by Mr. McCarthy and Miss Bramell on Native Handicrafts, Primitive Art, Women in Primitive Society, and other subjects.

Numismatics. (C. Anderson in charge; F. D. McCarthy and Miss E. Bramell, Assistants.)

The most important accession was the collection of Australian coins and tokens, and a large number of medals, received by exchange with the Mitchell Library. Mr. J. R. B. Stewart presented a collection of coins from Europe and the Far East, and an example of the medal issued in commemoration of the International Eucharistic Congress held in Sydney was presented by Amor Ltd. The new issue of coinage for the Mandated Territory of New Guinea was obtained by purchase, and ten tokens were received by exchange with Mr. R. W. Farman, Ivanhoe, Victoria.

An exhibit of the coins of the British Empire, with photographs and labels giving the history of the coinage and of the denominations, was installed in the numismatic cabinets. Labels for the foreign coins are in course of preparation.

The medals, with the exception of the military, which have yet to be mounted, have been placed in wallboard mounts. A special exhibit of Maundy Money, with full description and history, was placed at the main entrance in March, when the Maundy bounty ceremony was observed by King Edward VIII.

Accessions have been catalogued and have been intercalated in the exhibition series. An exchange of tokens necessitated the checking of the varieties of token duplicates, and their arrangement according to a new and more convenient system.

Fossils. (C. Anderson in charge; H. O. Fletcher, Assistant.)

The total number of registrations during the year amounted to 1,176. Notable donations include a fine collection of invertebrate fossils from the North-west Basin, Western Australia, collected by Mr. H. G. Raggatt, and presented by Oil Search Ltd; the specimens are beautifully preserved, and many of the specimens were not previously represented in the collections. Another important donation was an extensive series of fossils from the Drake and Kempsey districts, New South Wales, presented by Mr. A. H. Voisey. Mr. C. J. Ivin, Murrumbidgee, New South Wales, presented some additional specimens from that district. A further fine series of fossil fishes, insects and plants, from the Beacon Hill Quarry, Brookvale, was obtained by purchase from Mr. W. Bass. These included a magnificent insect wing about six inches in length in an almost perfect state of preservation. From Mr. N. H. Fisher, Mandated Territory of New Guinea, we received the mandible of a *Nototherium*, and other bones of extinct marsupials from the Watut River Area, Territory of New Guinea; this is the first record of fossil marsupials from New Guinea. The registration and cataloguing of the vertebrate fossils transferred from the Mining Museum have been continued, and during the year over 800 specimens have been dealt with; this work is now nearing completion.

Mr. Fletcher has continued the work of cataloguing and sorting the collection of invertebrate fossils, and several more groups have been completed, including the Conulariæ. The brachiopods have been classified, and a large section of this group is now catalogued and indexed for reference. The Cambrian trilobites, collected in 1934 in Queensland and the Northern Territory, have been partially identified, and work on them is proceeding.

Mr. Fletcher has conducted research on material from the Permo-Carboniferous beds of Western Australia, and also on the Conulariæ of Australia.

Several voluntary lectures, mainly on the Antarctic, were delivered by Mr. Fletcher during the year.

Mineralogy. (T. Hodge-Smith in charge; R. O. Chalmers, Assistant.)

During the past year 266 specimens have been registered. Messrs. G. N. Devenport, E. B. Dow, and A. Fraser presented a number of minerals from Broken Hill, New South Wales, which included some fine specimens of smithsonite, wulfenite, cuproplumbite, and fluorite. Mr. A. H. Voisey presented a small series of minerals from the mid-North Coast of New South Wales, including molybdenite and stibnite, and Mr. H. G. Raggatt a specimen of crystallised barite from Wyndham, Western Australia. A large and excellent collection of dreikanter from Wanganui, New Zealand, was presented by Captain C. W. Ostenfeld, and Mr. E. P. Walker presented specimens of gold and sylvanite from Kalgoorlie, Western Australia.

A collection of fluorescent minerals was obtained by exchange with Ward's Natural Science Establishment, New York, and a series of Nigerian minerals by exchange with Mr. A. E. Horn. Purchases included a large crystal of selenite and copper from Cloncurry, Queensland, and specimens of linarite and marshite from Broken Hill, New South Wales.

Work on the limestone cave and the Geological Relief Map of New South Wales has been completed, and both are now on view. A special case housing an ultra-violet ray lamp has been installed in the gallery and a fine collection of fluorescent minerals is on view, for the first time in this State.

A commencement has been made in the improvement of the Mineral Gallery in accordance with recommendations adopted by the Board of Trustees. Twenty table cases have been replaced by five upright metal cases with glass shelving, with very pleasing results. These provide a large display space and the troublesome reflections have been materially reduced. Experiments have been carried out in regard to labels and specimen blocks, and it has been decided to replace the black blocks now in use by blocks of polished metal, and to adopt a different style of labelling.

The question of storage has not yet been satisfactorily disposed of, but the construction of additional rack-work in the mineralogist's room will make a considerable improvement on present conditions.

Collections of minerals were sent to the Sydney and Newcastle Technical Colleges, and to three country schools. Three demonstrations were given in the mineral gallery to students of the Sydney Technical College.

Petrology. (T. Hodge-Smith in charge; R. O. Chalmers, Assistant.)

During the year 1,084 specimens and 42 microscope slides have been registered. The chief donation was a large suite of rocks illustrating the geology of the Mid-north Coast of New South Wales, presented by Mr. A. H. Voisey. A collection of tectites, some of Australian type, from Central Java and the Philippine Islands, was acquired by exchange, likewise suites of rocks illustrative of Victorian petrology, and an excellent specimen of the Henbury meteorite. A series of rocks was collected at the Cox River by Dr. C. Anderson and Mr. R. O. Chalmers. A large collection of rocks illustrating the latest work on various petrographical provinces of Great Britain and Ireland, collected by Dr. Germaine Joplin, was acquired by purchase.

Mr. Hodge-Smith has been engaged in the preparation of a memoir on Australian meteorites, and Mr. Chalmers has carried out a large amount of detailed work on the petrology of the Cox River area.

The Common Seal of the Museum was hereunto affixed by Order of the Board this twenty-second day of October, 1936.

(L.S.) F. S. MANCE, President.
W. T. WELLS, Secretary.

APPENDIX A.

TRUSTEES OF THE AUSTRALIAN MUSEUM AT 30TH JUNE, 1936.

Crown Trustee	Mr. James McKern.
Statutory	His Honour the Chief Justice. The Hon. the Colonial Secretary. The Hon. the Attorney General. The Hon. the Colonial Treasurer. The Auditor General (Mr. John Spence, C.M.G.). The President of the Medical Board.
Appointed	The Hon. the President of the Legislative Council. The Crown Solicitor. The Surveyor General and Chief Surveyor (Mr. H. B. Mathews, B.A.). The Hon. the Secretary for Works and Local Government. The Hon. the Minister for Education.
Elective Trustees	Dr. G. H. Abbott, M.B., Mast. Surg. . Mr. E. C. Andrews, B.A., F.G.S. Mr. G. M. Blair. Dr. C. Gordon MacLeod, M.B., Ch.M. Dr. G. A. Waterhouse, B.E., F.R.E.S. . Mr. F. S. Mance. The Hon. F. E. Wall, M.D., M.L.C. . Professor A. N. Burkitt, M.B., B.Sc. . Hon. H. M. Hawkins, M.L.C. Professor W. J. Dakin, D.Sc. Mr. F. W. Marks, F.C.A. (Aust.). Major-General the Hon. Sir Charles Rosenthal, K.C.B., C.M.G., D.S.O., V.D., M.L.C.

APPENDIX B.

STAFF OF THE AUSTRALIAN MUSEUM AT 30TH JUNE, 1936.

Director	C. Anderson, M.A., D.Sc., C.M.Z.S.
Administrative Staff—	
Secretary	W. T. Wells, A.I.A.V.
Clerks	Miss G. E. Johnstone. R. D. Gill.
Scientific Staff—	
Department of Anthropology ...	Miss E. Bramell, M.A., Dip.Ed., Assistant. F. D. McCarthy, Dip. Anth., Assistant.
Department of Zoology	J. R. Kinghorn, C.M.Z.S., Ornithologist, Herpetologist. E. le G. Troughton, C.M.Z.S., Mammalogist. A. Musgrave, F.R.E.S., Entomologist. K. C. McKeown, Assistant. Miss N. B. Adams, Assistant. F. A. McNeill, Lower Invertebrates A. A. Livingstone, Assistant. W. Boardman, Assistant. T. Iredale, F.R.Z.S., Conchologist. Miss C. M. J. Allan, Assistant. G. P. Whitley, F.R.Z.S., Ichthyologist.
Department of Mineralogy	T. Hodge Smith, Mineralogist, Petrologist. R. O. Chalmers, A.S.T.C., Cadet.
Department of Palaeontology ...	H. O. Fletcher, Assistant Palaeontologist.
Library Staff—	
Librarian	W. A. Rainbow.
Preparatorial Staff—	
Articulator	G. C. Clutton
Assistant Articulator	J. Kingsley.
Taxidermist	H. S. Grant.
Assistant Taxidermist	J. H. Wright. W. Barnes.
Mechanical Staff—	
Chief Mechanic	T. A. Henson.
Assistant Mechanic	H. Jackson.
Attendants and General Staff—	
Chief Attendant	T. A. Murphy.
Attendants	W. A. Medway. H. W. Stein. J. McIver. R. K. Morris. J. Lewis.
Night Attendants	F. L. Haylings. T. Glazebrook.

APPENDIX C.

HONORARY STAFF OF THE AUSTRALIAN MUSEUM AT 30TH JUNE, 1936.

Professor T. Harvey Johnston, M.A., D.Sc., Hon. Zoologist.
 Edw. F. Hallmann, B.Sc., Hon. Zoologist.
 A. F. Basset Hull, M.B.E., Hon. Ornithologist.
 G. A. Waterhouse, D.Sc., B.E., Hon. Entomologist.
 H. J. Carter, B.A., Hon. Entomologist.
 E. A. Briggs, D.Sc., Hon. Zoologist.
 H. Leighton Kesteven, D.Sc., M.D., Hon. Zoologist.
 Melbourne Ward, F.R.Z.S., Hon. Zoologist.
 Geo. A. Thomas, Hon. Archaeologist.
 K. A. Hindwood, Hon. Ornithologist.
 T. H. Guthrie, Hon. Lepidopterist.
 W. W. Froggatt, Hon. Entomologist.
 A. J. Marshall, Hon. Ornithologist.
 Professor W. L. Shellshear, M.B., Ch.M., Hon. Archaeologist.

APPENDIX D.

HONORARY CORRESPONDENTS OF THE AUSTRALIAN MUSEUM AT 30TH JUNE, 1936.

Mr. R. E. Baxter.	Mr. Anthony Hordern.	Mr. Melbourne Ward.
Mr. H. Burrell.	Sir Samuel Hordern.	Dr. G. A. Waterhouse.
Captain D. L. Comtesse.	Mr. O. Phillips.	Dame Eadith Walker.
Sir Hugh Denison.	Dr. R. H. Pulleine.	Mr. R. R. Dangar.
Mr. Robert Dixon.	Sir Arthur Rickard.	Mr. R. H. Dangar.
Mr. William Dixon.	Mr. E. H. Rainford.	Mr. James Burns.
Mr. C. E. Hart.	Mr. T. E. Rofe.	Mr. C. F. Laceron.

APPENDIX E.

PAPERS AND ARTICLES PREPARED DURING THE YEAR.

E. le G. Troughton—

"The Southern Race of the Koala." *Aust. Naturalist*, IX, 6, 1936.
 "The Mammalian Fauna of Bougainville Island, Solomons Group." *Rec. Aust. Mus.*, XIX, 5, 1936.
 "Description of New Rats and Mice from Queensland." *Mem. Queensland Mus.*, XI, 1, 1936.
 "Two New Tree Kangaroos from Papua." *Aust. Zoologist*, 1936. (With A. S. Le Souef).
 "A Re-description of *Solomys* (Mus.) *salomonis* Ramsay." *Proc. Linn. Soc. of N. S. Wales* (in the press).

J. R. Kinghorn—

"Nest and Eggs of the Blue-browed Lorikeet (*Opopsitta coxeni*).
 "Notes on Some Pacific Island Birds." (For *Proc. Zoological Soc. (Lond.)*).
 "The Feet of Birds." *Aust. Mus. Magazine*, VI, 2, 1936.

G. P. Whitley—

"Ichthyological Genotypes." *Aust. Zoologist*, VIII, 2, 1935.
 "George Raper's Fish Paintings." *Ibid.*
 "A New Species of Lantern Fish from New Zealand, with Remarks on the genus *Serpa*." *Ibid.*, VIII, 3, 1936.
 "The Australian Devil Ray, *Daemomanta alfredi*, with Remarks on the Superfamily *Mobuloidea*." *Ibid.*
 "Ichthyological Genotypes: Some Supplementary Remarks." *Ibid.*
 "Fishes from Princess Charlotte Bay, North Queensland." *Rec. South. Aust. Mus.*, V, 3, 1935.
 "More Ichthyological Miscellanea." *Mem. Queensland Mus.*, XI, 1, 1936.
 "Devil Ray." *Aust. Mus. Magazine*, VI, 1, 1936.
 "The Wing Fish." *Ibid.*, VI, 2, 1936.
 "Graveyards of the Pacific." *Ibid.*, VI, 3, 1936.
 "Studies in Ichthyology, No. 10." *Rec. Aust. Mus.* (in the press).
 "The Middleton and Elizabeth Reefs." *Aust. Zoologist* (in the press).
 "Aboriginal Names, Mostly of Marine Animals, from North Queensland." (For *Mankind*).

K. C. McKeown—

"Spider Wonders of Australia." (Angus and Robertson, 1936.)
 "Food of Birds, with Special Reference to Protective Adaptation in Insects." *Emu*, XXXVI, 1936.
 "Spiders and Fish." *Aust. Mus. Magazine*, V, 12, 1935.
 "Notes on Australian Coleoptera: Specimens Collected by Captain King." (For *Rec. Aust. Mus.*)
 "Food of Trout in New South Wales, 1934-35." (For *Rec. Aust. Mus.*)
 "Description of the Male of *Clemancantha regale*." (For *Rec. Aust. Mus.*)

Nancy B. Adams—

"Ant-Lions." *Aust. Mus. Magazine*, VI, 1, 1936.

T. Iredale—

"Molluscan Notes, No. 11." *Rec. Aust. Mus.*, XIX, 5, 1936.
 "Reports of the British Barrier Reef Expedition, 1928-29. Mollusca, Part 1." (For publication by the British Museum.)

T. Iredale (joint author)—

"Destruction of Timber by Marine Organisms." *Bulletin No. 12, Queensland Forest Service*, July, 1936.

Joyce Allan—

"Poisonous Shell-fish." *Aust. Med. Journal*, 11, 16, 1936.
 "Australian Shells." *Aust. Mus. Magazine*, V, 12, 1935, VI, 1, 1936, VI, 2, 1933.
 "*Mysticoncha*, a New Name for *Caledoniella*." (For *Rec. Aust. Mus.*)

A. A. Livingstone—

"Some New Species of *Asteroidea* from the Pacific." (For *Rec. Aust. Mus.*)

APPENDIX E—continued.

- F. D. McCarthy—
 "The Geographical Distribution Theory and Australian Material Culture." *Mankind*, 11, 1, 1936.
- Elsie Bramell—
 "Law and Order amongst the Australian Aborigines." *Aust. Mus. Magazine*, V, 12, 1935.
- C. Anderson—
 "The Sydney District One Hundred Million Years Ago." *Ibid.*
 "Memorial of Charles Hedley." *Proc. Linn. Soc. N. S. Wales* (in the press).
 "The Life of Charles Darwin." *Environment*, July, 1936.
 "Palaeontological Notes, No. 4." (For *Rec. Aust. Mus.*)
- H. O. Fletcher—
 "Some Upper Palaeozoic Fossils from Western Australia, and a New Species of *Aulosteges*." (For *Rec. Aust. Mus.*)
 "A Revision of Australian *Conulariae*." (For *Rec. Aust. Mus.*)
- T. Hodge Smith—
 "A Limestone Cave in the Australian Museum." *Aust. Mus. Magazine*, VI, 2, 1936.
 "A new Mineral Display: Fluorescence of Minerals." *Ibid.*, VI, 2, 1936.
- R. O. Chalmers—
 "A Geological Relief Map of N. S. Wales." *Ibid.*, VI, 1, 1936.
- Luke Gallard—
 "The Life History of a Tipulid Fly." *Ibid.*, VI, 2, 1936.
- A. E. J. Thackway—
 "The Natural Enemies of the Engineer." *Ibid.*, VI, 2, 1936.
- A. J. Marshall—
 "The Whitsunday Isles." *Ibid.*, V, 12, 1935.
 "The Myall Lakes Then and Now." *Ibid.*, VI, 1, 1936.
- R. T. Littlejohns—
 "The Lyre-bird Display for the Screen." *Ibid.*
- L. W. Stach—
 "Studies on Recent Petraliidae." (*Rec. Aust. Mus.*)
- K. W. Verhoeff—
 "On Some New *Diplopoda* from Australia." (For *Rec. Aust. Mus.*)
- F. A. McNeill (joint author)—
 "Destruction of Timber by Marine Organisms." *Bulletin* No. 12, Queensland Forest Service, July, 1936.

APPENDIX F.

LECTURES DELIVERED DURING THE YEAR 1935-1936.

Popular Science Series.			
Date.	Subject.	Lecturer.	Attendance.
1935.			
11 July.....	Romance of Pearls and Pearlring	Miss J. Allan	246
25 ".....	Facts About Reptiles	J. R. Kinghorn	163
8 Aug.	Law and Order Amongst Primitive Peoples	Miss E. Bramell	241
22 ".....	The Art of the Savage	F. D. McCarthy	171
12 Sept.	Queensland Isles and Coral Reefs	F. A. McNeill	149
26 ".....	Travellers in the South Seas	G. P. Whitley	202
1936.			
30 April ...	The Economic Value of Birds	J. R. Kinghorn	84
14 May ...	Insect Societies	K. C. McKeown	119
28 ".....	Giants of the Past	H. O. Fletcher	205
11 June ...	Life and Habits of Shells	Miss J. Allan	144
25 ".....	Primitive Fishermen of the Pacific	F. D. McCarthy	158
11 Lectures .....Total			1,882
School Lectures.			
1935.			
9 July.....	Geology.....	T. Hodge Smith	137
23 ".....	Mammals	E. L. Troughton	160
6 Aug.	Shore Life.....	W. Boardman	225
20 ".....	Reptiles	J. R. Kinghorn	107
17 Sept.	Insects and Spiders.....	K. C. McKeown	183
1936.			
26 May ...	Birds	J. R. Kinghorn	209
16 June ...	Mammals	E. L. Troughton	111
23 ".....	Shells.....	Miss J. Allan	159
8 Lectures Total			1,291
Other Lectures in the Museum.			
2 June ...	Mammals (to Scout Leaders)	E. L. Troughton	25

APPENDIX G.

Return of Specimens acquired during the year ended 30th June, 1936 :—

Department.	Donation.	Exchange.	Purchase.	Prepared.	Collection.	Total.
Vertebrata—						
Mammalia	156	15	8	...	5	184
Aves	11,783	12	...	...	1	11,796
Reptilia	253	33	1	...	108	395
Pisces	313	18	5	...	1,037	1,373
Skeletons	29	2	...	...	1	32
	12,534	80	14	...	1,152	13,780
Invertebrata—						
Mollusca	6,241	356	39	...	...	6,636
Insects and Arachnida	7,561	...	...	...	...	7,561
Crustacea	252	...	...	...	70	322
Echinodermata	217	1	...	...	130	348
Polyzoa .....	...	...	...	...	...	...
Vermes	519	...	...	...	...	519
Hydroida .....	...	...	...	...	...	...
Sponges and Foraminifera ..	220	...	...	...	7	227
Other Invertebrata	54	...	...	...	...	54
	15,064	357	39	...	207	15,667
Fossils	920	186	24	35	11	1,176
Minerals	182	49	8	...	...	239
Rocks	631	46	277	...	37	991
	1,733	281	309	35	48	2,406
Ethnological, etc.—						
Ethnological	3,112	267	984	...	790	5,153
Historical	2	...	...	...	...	2
Numismatical	167	21	6	...	...	194
	3,281	288	990	...	790	5,349
Miscellaneous—						
Micro. Sections .....	...	...	...	44	...	44
Casts	10	2	1	2	...	15
Moulds .....	...	...	...	3	...	3
Photo. Negatives .....	...	...	...	128	...	128
Lantern Slides	146	...	...	259	...	405
Photographs	1	...	...	...	...	1
	157	2	1	436	...	596
Vertebrata	12,534	80	14	...	1,152	13,780
Invertebrata	15,064	357	39	...	207	15,667
Fossils, Minerals, and Rocks ...	1,733	281	309	35	48	2,406
Ethnological	3,281	288	990	...	790	5,349
Miscellaneous	157	2	1	436	...	596
	32,769	1,008	1,353	471	2,197	37,798

Dr. G. A. Waterhouse

Waterhouse Collection

4,044

Lyell

"

34

Museum

"

53

4,131

APPENDIX H. THE AUSTRALIAN MUSEUM.

Summarised Statement of Net Receipts and Payments for the Year ended 30th June, 1936.

RECEIPTS.				PAYMENTS.			
Dr.				Cr.			
1935-36.				1935-36.			
July 1 to June 30.				July 1 to June 30.			
£ s. d.				£ s. d.			
To Balance brought forward 1st July, 1935				By Salaries—			
Treasury (Consolidated Revenue Fund)—				Scientific Administration			
Appropriation (Item 86)				Office Administration			
Statutory Endowment				Library			
Fixed Deposit Matured				Preparators			
Interest on Investments				Mechanics			
Insurance Claim for Burglary Loss				Attendants			
Sales of Publications				12,847 11 11			
Donations				Less Refund to Vote—Expenses of Witness			
Miscellaneous Receipts				Total Salaries			
167 2 4				Overtime			
15,620 7 9				Temporary Assistance			
800 0 0				13,382 4 6			
250 0 0				Subsidiary Staff Charges—			
25 7 10				Employers' Contribution			
70 0 0				Pension			
242 16 8				790 17 2			
13 2 8				842 17 2			
14 15 2				Expenses in Connection with Buildings—			
				Insurance Premiums			
				Material for Minor Repairs			
				Maintenance of Lawns and Grounds			
				143 1 6			
				8 2 3			
				40 0 0			
				191 3 0			
				Transport Expenditure—			
				Travelling Expenses			
				14 19 6			
				General Expenditure—			
				Postal and Telegraphic Services			
				Books, Periodicals, and Papers			
				Freight and Cartage			
				Bookbinding			
				Photography and Slides			
				Laundry Expenses			
				Fees to Lecturers			
				Minor Replacements and Additions to Plant, etc.			
				335 0 0			
				Purchase of Natural History Specimens, etc.			
				70 14 9			
				Purchase and Construction of Storage Racks, etc.			
				24 18 8			
				Stores, Stationery, and Sundry Services			
				664 12 9			
				Publicity and Advertising Lectures, etc.			
				23 14 3			
				Expenses, Collecting Tours and Field Work			
				40 15 6			
				Publications—Magazines, Postcards, Publication and Distribution			
				318 3 10			
				2,239 11 11			
				16,670 16 0			
				Investment, Commonwealth Inscribed Stock			
				246 5 0			
				Balance at 30th June, 1936... ..			
				286 10 9			
				£17,203 12 6			
£17,203 12 6							

I certify that the books, accounts, and vouchers of the Australian Museum have been examined for the year ended 30th June, 1936, under the provisions of Section 11 of the Australian Museum Act, 1902, and that the summarised Statement of Receipts and Payments is correct and in accordance therewith.

20th October, 1936.

(Signed) JOHN R. MOORE,
Deputy Auditor-General.

APPENDIX I.
THE AUSTRALIAN MUSEUM.
REVENUE ACCOUNT.

Dr.

Period 1st July, 1935, to 30th June, 1936.

Cr.

To Scientific Administration—

	£	s.	d.	£	s.	d.
Scientific Staff Salaries Overtime, Stores and Services	7,587	3	4			
Articulators, Overtime, Stores and Services...	651	0	5			
Taxidermists, Overtime, Stores and Services	1,100	15	10			
Collecting Specimens	40	19	5			
Preservation of Specimens	29	13	11			
Freights and Charges—Specimens, etc.	61	10	1			
Photography and Slides	126	19	3			
				9,598	2	3
	1,209	19	10			
				1,209	19	10

Office Administration—Office Staff, Salaries, etc.

Publicity	48	19	2			
General Expenses	62	3	7			
Stationery	54	12	8			
Postages and Telegrams	60	16	8			
Insurances	143	1	6			
				369	13	7

Library Administration—Salaries, etc., Book binding and Sundries

General Administration—

Artificers—Salaries, Stores, etc.	578	9	4			
Attendants—Salaries, Overtime, Assistance, etc.	2,510	0	3			
Working Expenses—Stores, etc.	194	18	0			
Motor Lorry Expenses	26	5	3			
Building, Repairs and Maintenance	103	19	9			
Electric Fittings, Repairs and Maintenance	35	14	4			
				3,449	6	11

Pension

Lectures—Fees and Expenses...

Depreciation — Furniture, Equipment, and Plant

Publications—

Magazine—Cost and Publishing and Distributing	766	14	3			
Less Stocks on Hand	592	15	4			
				174	1	11

Postcards—Cost and Publishing

Less Stocks on Hand

"Records"—Cost and Publishing

Less Stocks on Hand

£16,009 9 8

By Interest—

Funds Invested—

Sydney City Council Deposit	3	17	3			
Australian Consolidated Incorporated Stock	16	0	0			
Commercial Banking Co., Ltd., Fixed Deposit	5	12	6			
				25	9	9

Sales of Publications—

Museum Magazine	186	12	10			
Museum Postcards	16	14	7			
"Records" and other Publications	15	1	4			
				218	8	9

Donations

Balance

£16,009 9 8