

1926.
(SECOND SESSION.)

LEGISLATIVE ASSEMBLY.
NEW SOUTH WALES.

AUSTRALIAN MUSEUM.

(ANNUAL REPORT OF THE TRUSTEES FOR THE YEAR ENDED 30th JUNE, 1926.)

Presented to Parliament pursuant to Act No. 61, 1902, Sec. 10.

Printed under No. 7 Report from Printing Committee, 29 November, 1926.

TO HIS EXCELLENCY THE GOVERNOR,—

The Trustees of the Australian Museum have the honour to submit to your Excellency their seventy-second report, being for the year ended 30th June, 1926.

I. TRUSTEES.

The Trustees report with great regret the death on 15th May, 1926, of Mr. J. J. Fletcher, M.A., B.Sc., a member of the Board since 3rd September, 1920. Mr. Fletcher's great knowledge of natural history in the widest sense was of the utmost service to the Trustees, and his loss is deeply felt. On the 3rd July, 1925, Dr. C. Gordon MacLeod and Mr. G. M. Blair were elected in place of Hon. D. Levy, M.L.A., and the late Dr. Eric Sinclair.

Dr. T. Storie Dixson did not seek re-election as President this year, and Mr. E. Wunderlich, F.R.A.S., was elected President in his place.

Mr. A. H. Chesterman, Surveyor-General and Chief Surveyor, retired from that office on 6th December, and was succeeded by Mr. H. F. Hall, who retired on 14th June, 1926; he was succeeded by Mr. H. B. Mathews on 15th June, 1926.

A list of the Trustees, with a record of their attendances at Board meetings, is shown in Appendix A. Eleven ordinary and three special meetings were held during the year.

Three sectional committees, elected yearly in December, meet monthly and make recommendations on matters coming within their purview. The House Committee deals generally with all questions affecting the staff, and such matters as structural improvements and additions. The Scientific and Publication Committee controls the scientific publications of the Museum, acquisition and exchange of specimens and publications, and lectures delivered in the Museum. The Finance and Publicity Committee supervises the finances of the institution, the publication of the Australian Museum Magazine, controls extension lectures, and devises measures for the purpose of popularising the Museum and making its contents and educational advantages better known to its owners—the public.

In addition, special committees are appointed from time to time to deal with specific questions.

A list of members of these committees and their attendances is shown in Appendix B. The President is *ex officio* a member of each committee.

2. PRESIDENT'S ADDRESS, 1925.

Various matters stressed in the President's address of February, 1925, were referred to a special committee of the House Committee. This committee held ten meetings and made an inspection of the offices, library, and storeroom. The reports arising from the deliberations of this committee are still under consideration.

3. RULES AND ORDERS.

The revision of rules and orders was completed during the year, and now awaits confirmation by the Governor. The Trustees have adopted amended staff instructions, which became operative on 1st January, 1926.

4. GUNNAMATTA FISH HATCHERY.

By the permission of the Chief Secretary, the State fish hatchery premises at Gunnamatta Pay, Port Hacking, have been used on various occasions by members of the Museum staff. The results in collections and observations have been so encouraging that the Trustees have under consideration the possibility of obtaining from the Government a lease of these premises, which offer considerable advantages as a marine biological station.

5. POST-CARDS.

The Trustees have decided to issue a special series of post-cards, and designs of subjects are being executed by Mrs. T. Iredale. The initial issue will consist of 6,000 post-cards of each kind, these being contained in sets of five in a special envelope with a booklet explanatory of each subject. These will be available to the public in the galleries and at booksellers and newsagents. It is confidently anticipated that the undertaking will be a pronounced success, and that its educational value will be considerable.

6. STAFF.

The death of Allan R. McCulloch, which took place at Honolulu on 1st September, was a severe loss to the Museum. He had been in the service of the Trustees since July, 1898, and was recognised as one of the foremost workers in systematic ichthyology. His health had been unsatisfactory for a considerable period, and at the time of his death he was on long leave, granted him by the Trustees in the hope that it would be restored.

The vacancy thus caused in the ichthyological section was filled by the promotion of Mr. G. P. Whitley, who had been assisting Mr. McCulloch since April, 1922, and had been given charge of the section during the absence of his senior.

The appointment of Mr. Tom Iredale, temporary assistant in conchology since 1st April, 1924, was made permanent on 4th September, 1925.

In Appendix C is shown a list of the staff as at 30th June, 1926. For a list of the honorary staff, see Appendix D.

7. BUILDINGS AND GROUNDS.

The wooden flooring in the main (front) hall and in the bird and reptile gallery has been sand-papered and wax polished, and a much brighter appearance has resulted.

The Trustees have under consideration schemes to effect an increase in show space and improved lighting in the mineralogical gallery, to erect a gallery for storage purposes in the Conchologist's room, and to improve the ventilation of the lecture hall.

Repairs and maintenance received due attention during the year. An examination of the storage sheds at the back of the Museum building showed that white ants have made inroads on the woodwork. Suitable action was immediately taken. The Town Planning Association protested against the continued existence of these unsightly structures. The Trustees agreed with the views expressed and feel that it is high time these sheds were removed.

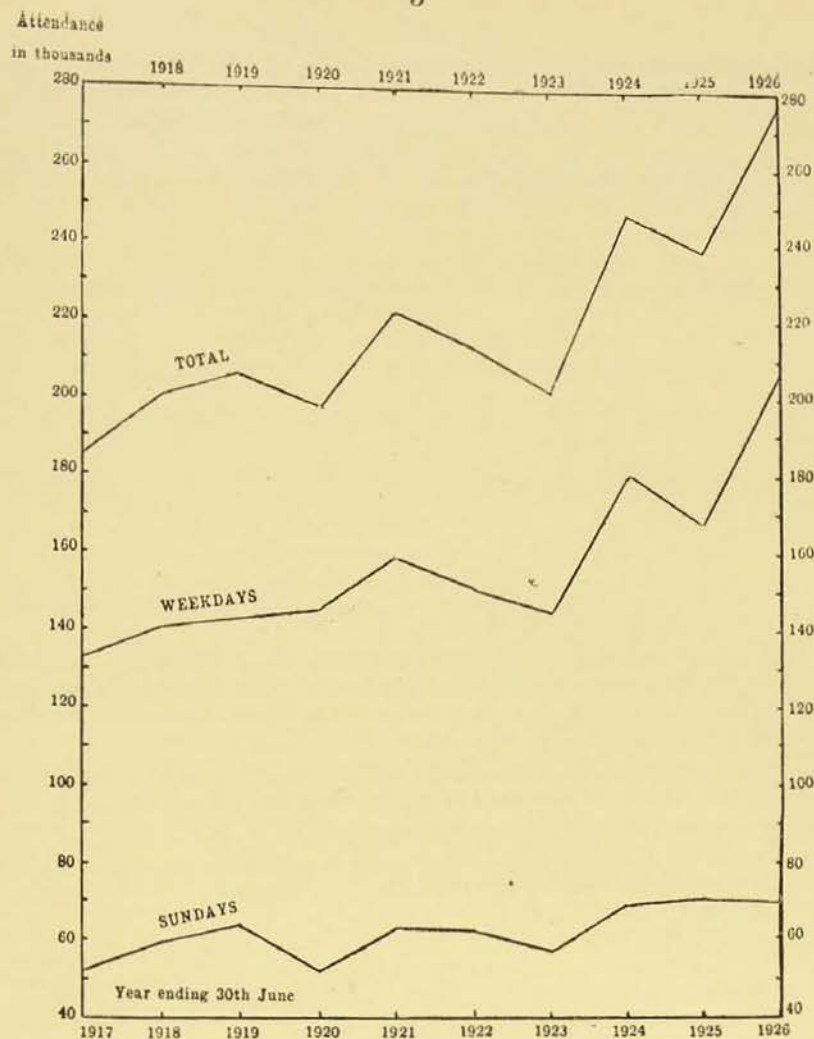
The re-grading of William-street by the City Council has resulted in a reduction in height of the Museum retaining wall. The gateway leading from William-street will require alteration and adjustment, and the private roadway therefrom will have to be regraded.

8. ATTENDANCE OF VISITORS.

The number of visitors during the year is the largest on record. This results partly from the resolution to open the Museum to the public on Mondays, which took effect from July, 1925, the Monday attendances for the twelve months totalling 39,255 (including visitors on Monday public holidays).

Statistics of attendances for the years 1916 to 1926 :—

			Week-days.	Sundays.	Total.
1916-1917 (1st July to 30th June)...	...	...	133,645	52,399	186,044
1917-1918	"	"	140,977	59,920	200,897
1918-1919	"	"	142,977	63,520	206,497
1919-1920	"	"	145,058	52,490	197,548
1920-1921	"	"	159,576	63,016	222,592
1921-1922	"	"	151,544	62,889	214,433
1922-1923	"	"	145,271	56,600	202,871
1923-1924	"	"	180,474	69,037	249,511
1924-1925	"	"	168,880	70,478	239,358
1925-1926	"	"	207,128	69,745	276,873



9. HONORARY CORRESPONDENTS.

By-law VII reads :—

“Persons who have rendered any service at the Museum or to the general cause of science, may, at any ordinary meeting, be proposed in writing by two Trustees as Honorary Correspondents, and may be elected by ballot at the next or any subsequent ordinary meeting, and, if elected, shall be entitled to receive a diploma under the common seal of the Museum.”

Under this by-law the following gentlemen, who have rendered distinguished services to the Museum, either as donors of specimens or by monetary contributions, have been elected honorary correspondents during the year —

Mr. R. E. Baxter.	Mr. A. E. Phillips.
Mr. H. Burrell.	Mr. O. Phillips.
Sir Hugh Denison.	Dr. R. H. Pullen.
Sir Hugh Dixon.	Sir Arthur Rickard.
Mr. Robert Dixon.	Mr. E. H. Rainford.
Mr. William Dixon.	Mr. George Robertson.
Mr. C. E. Hart.	Mr. T. E. Rofe.
Mr. N. S. Heffernan.	Mr. Melbourne Ward.
Mr. Anthony Hordern.	Dr. G. A. Waterhouse.
Sir Samuel Hordern.	Mr. H. L. White.
Mr. G. McAndrew.	Mr. W. H. Wooster.

FINANCIAL.

The maintenance and operation of the Museum for the past year were met by provision of the following items of Parliamentary appropriation :—

	£	s.	d.
Salaries	15,577	11	7
Contingencies	1,781	0	0
Treasurer's advance	200	0	0
Statutory endowment	1,000	0	0
Additional endowment	750	0	0

£19,308 11 7

Other sources of income, such as sales of publications, magazines, donations,

&c., produced	1,229	7	11
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Total £20,537 19 6

The expenditure for the year covered disbursements for salaries, £14,378 1s. 3d.; superannuation, £1,199 10s. 4d.; contingencies, £1,751 0s. 8d.; purchase of specimens, £275 2s. 8d.; lectures, £112 14s. 2d.; publication, &c., of magazine and records, £1,061 5s.; and general expenditure, £1,751 5s. 5d.—in all £20,528 19s. 6d.

The audited statements of receipts and expenditure and the revenue account for the year are incorporated in this report, *vide* Appendices F and G.

Extension lectures were sanctioned and delivered as follows:—

	Attendance.
1925.	
August 11. "Snakes and Snake Venom."—J. R. Kinghorn, Sydney University Science Society	80
August 20. "Economic Value of Australian Mammals and Birds."—J. R. Kinghorn, Royal Society for Prevention of Cruelty to Animals	400
1926.	
February 22. "Geological History of Sydney District."—T. Hodge Smith, Railway and Tramway Institute, Werris Creek	50
March 11. "Ancient Egypt."—W. W. Thorpe (H.M.A.S. "Tingira")	250
April 5. "Secrets of the Feathered World."—J. R. Kinghorn, Royal Agricultural Society	120
June 1. "Lord Howe Island."—A. Musgrave (H.M.A.S. "Tingira")	260
	1,160

Magazine.—The Museum Magazine maintained its popularity as a scientific journal, parts 7, 8, 9, 10 of Volume II being published during the year.

The Trustees availed themselves of the offer of Messrs. Angus and Robertson Ltd. to take charge of the distribution of the Magazine to the trade and subscribers; this resulted in a certain stimulus being given to the publication. At the same time it is realised that a greater support should be given by the general public to this interesting and educative medium.

Post-cards.—The committee's recommendation to the Board to publish a series of illustrated post-cards was adopted, and the work of publication of the approved series is well advanced.

Publicity.—The Trustees decided upon accepting the offer of the Commissioners for Railways and Tramways for the gratis display of a coloured show card in the trams. A design was approved and a supply of 500 cards was duly released. The thanks of the Trustees to the Commissioners have been recorded.

Throughout the year the Press has readily assisted the Trustees by giving publicity to many matters of public interest arising from Museum work and activities, and the Trustees fully appreciate the services of the various newspapers in this connection; in like sense the Trustees thank the Editors of "Building Magazine" and of "The Education Gazette" for special articles.

Donations.—Although the Museum continues to receive many welcome and valuable additions to its collections by way of gifts, very little financial assistance has been rendered it in the form of donations.

Only by frequent gifts of both specimens and money can the Museum hope to retain its place among the progressive institutions of the world.

The inadequate provision of funds in the past by way of State grant is a severe handicap not only in the matter of purchases of collections, but also in such important items as field observation work and collecting and the inauguration of a Children's Museum. It may, however, be mentioned that a special grant of £200 was made available by the Honourable the Minister to enable the Trustees to purchase a valuable collection of fossils, the property of Mr. Varney Parkes.

The grateful thanks of the Trustees is here recorded for amounts donated by the following public-spirited citizens: Sir Hugh Denison, £25; Sir Arthur Rickard, £25; Sir Samuel Hordern, £25; T. E. Rofe, Esq., £25; O. Phillips, Esq., £20; Anthony Hordern, Esq., £35; V. Molesworth, Esq., £1 1s.

Museum Needs.—The Trustees again take the opportunity of stressing what are really urgent needs in the following:—

The completion of exhibition galleries.

The removal of existing temporary storage sheds and their replacement by permanent fire-resisting structures.

Additional endowment funds for the furtherance of research and educational work.

Benefactions and bequests from public-spirited citizens of this State.

Exhibits.—Considerable improvement in the public galleries has been effected during the year; details will be found in reports dealing with the various sections, but special mention may be made of the following:—

Three aboriginal figures presented by Mr. E. Wunderlich, Trustee, have been installed. The figures were modelled from life by Mr. G. Rayner Hoff and represent an adult man of athletic build in the act of throwing a boomerang, while a woman and a boy watch the result of the throw.

The "ravi" was encased in order to protect the exhibits from dust and from the danger of fire. The cost of constructing the case was largely defrayed by donations received from Sir Hugh Denison, Sir Samuel Hordern, Sir Arthur Rickard, Mr. T. E. Rofe, and Mr. Orwell Phillips, whose generosity is heartily acknowledged by the Trustees.

The exhibited series of birds has been completely overhauled and rearranged with a notable increase in display effect.

The lion group was improved, particularly as regards lighting, and a commencement was made in the overhaul of the exhibited series of mammals, the ungulate section and the Australian Muridae having been rearranged.

In the paleontological section a large series of specimens descriptive of the skeleton of the extinct horned tortoise *Meiolania* has been put on view.

Field Work.—A considerable volume of field work has been accomplished during the past year.

Three trips by Mr. W. W. Thorpe to the Newcastle and Maitland districts yielded a number of aboriginal skulls and skeletons and a large series of very interesting flaked implements. Mr. Thorpe also did some excavation work and obtained a number of specimens from aboriginal shelters at Woolwich and at Gore Creek, Lane Cove River.

The Director and Mr. G. C. Clutton visited the Wellington Caves, which have yielded the fossil remains of marsupials and other animals so abundantly in the past. The fossiliferous deposits were examined and a number of specimens were secured, including two nearly complete skulls, one of *Thylacoleo carnifex*, the other of an extinct macropod.

Messrs. T. Iredale and G. P. Whitley spent a month on Michaelmas Cay, North Queensland, during the boring operations of the Great Barrier Reef Investigation Committee, directed by Mr. C. Hedley. During this period they were the guests of the Committee, to whom the Trustees are indebted for this opportunity to obtain a representative collection of the fauna of the Cay.

Mr. T. Hodge Smith visited the Kyogle and Lionsville districts to study the mode of occurrence and make collections of zeolites and calcite. From the Kyogle quarries he obtained a large collection of zeolites, including some splendid examples of chabazite. The cost of this trip was generously defrayed by Mr. Anthony Hordern, to whom the Trustees desire to express their warmest thanks.

Messrs. A. Musgrave and G. P. Whitley, while on annual leave, spent some time on the North-West Islet, Capricorn Group, Queensland, as members of a party organised by Mr. E. F. Pollock under the auspices of the Royal Zoological Society of New South Wales. Our officers were thus enabled to make collections of the land and marine fauna of the Group and subsequently did some collecting at Mount Tambourine, Queensland, a very rich locality, particularly as regards insects.

Messrs. G. P. Whitley and W. Boardman spent some days on board the trawler Bar-ear-mul, and obtained a large collection of fishes and invertebrates, some of exceptional interest. For this privilege the Trustees are indebted to Mr. D. Hann, the owner, and Captain H. Johnston.

Of shorter excursions the following are worthy of mention:—

Messrs. A. Musgrave and T. G. Campbell made several successful excursions to National Park in quest of insects.

Messrs. F. A. McNeill, T. Iredale, and others continued to investigate the life of the tidal flat at Gunnamatta Bay with excellent results; on one occasion the Museum party was accompanied by Dr. W. E. J. Paradise, R.A.N., who made a hydrographic survey of the flats and prepared a map which will be of signal service in connection with future work in this locality.

Mr. T. Hodge Smith collected a fine suite of Permo-carboniferous fossils during a short visit to Harper's Hill, Maitland district.

Library.—During the year the library acquired by purchase and exchange 298 volumes, independent of loose parts and reprints, which are detailed in Appendix E. Additions to the Library: Included in these accessions is a complete set of the Journal of Morphology, formerly in the library of the late Professor W. A. Haswell, D.Sc., F.R.S., at one time a Trustee. As in past years much assistance has been rendered to students, correspondents, and the press, the resources of the library being freely placed at their disposal often involving a considerable amount of labour.

Duties connected with editing and publishing have absorbed a good deal of time. Apart from the Museum publications published during the year under review, elsewhere enumerated, three parts and an index of the "Scientific Results of the F.I.S. 'Endeavour'" were issued.

Mr. F. D. McCarthy, Assistant Librarian, has performed his duties with meticulous attention and has recatalogued a large part of the library.

Lectures.—An extensive series of lectures has been delivered during the past year and the attendance at the public lectures was as usual very gratifying.

Seventeen Popular Science lectures were delivered in the Lecture Hall as follows:—

Date.	Subject.	Lecturer.	Attendance.
9 July, 1925	"In the Queensland Bush"	A. Musgrave	351
6 Aug. "	"New South Wales in Ages Past"	F. L. Grutzmacher	260
13 Aug. "	"Egypt"	W. W. Thorpe	275
10 Sept. "	"Our Frontiers of Settlement"	Prof. G. Taylor	265
24 " "	"The Story of Broken Hill"	E. C. Andrews	245
1 Oct. "	"Cook's Relics and Mementoes in the Australian Museum."	Dr. T. Storie Dixson	215
8 Oct. "	"The Importance of Certain Animals in the Causation of Disease in Man and Stock."	Dr. Burton Bradley	174
22 Oct. "	"The Romance of Ocean Depths"	T. Iredale	282
29 Oct. "	"(repeated)"	"	165
12 Nov. "	"Australian Marsupials and Egg-laying Mammals."	E. Le G. Troughton	262
26 Nov. "	"Engines of the Human Body"	E. A. Briggs, M.A.	245
15 April, 1926	"A Naturalist with Captain Cook"	T. Iredale	260
13 May "	"The Biology of a Coral Islet"	A. Musgrave*	231
27 May "	"Fiji—Its Scenery, People, and Products"	E. C. Andrews	368
3 June "	"(repeated)"	"	230
10 June "	"History of Australian Coins and Medals"	Dr. G. H. Abbott	137
24 June "	"Gland Influence on Animal Evolution"	Dr. Harold Norrie	220
Total attendance			4,128

* Owing to the illness of Mr. Musgrave this lecture was delivered by Mr. J. R. Kinghorn.

Fifteen lectures were delivered to school children by arrangement with the Department of Public Instruction.

Date.	Subject.	Lecturer.	Attendance.
7 July, 1925	Mammals	E. Le G. Troughton	141
21 July	"	"	142
4 Aug.	Fishes	G. P. Whitley	105
18 Aug.	"	"	36
1 Sept.	Physiography	T. Hodge Smith	276
15 Sept.	"	"	217
6 Oct.	Reptiles	J. R. Kinghorn	281
20 Oct.	"	H. O. Fletcher	123
3 Nov.	Marine Life	F. A. McNeill	334
17 Nov.	"	"	169
21 April, 1926	Birds	J. R. Kinghorn	275
		(Overflow)	475
4 May	Mammals	E. Le G. Troughton	230
18 May	"	"	307
1 June	Seashore Life	F. A. McNeill	217
15 June	"	W. Boardman	200
Total attendance			3,528

Demonstrations to pupils of the New South Wales Institution for the Deaf and Dumb and the Blind were continued as in former years.

Date.	Subject.	Lecturer.	Attendance.
22 July, 1925	Mammals	E. Le G. Troughton	8
12 Aug.	Shells	Miss Allan	8
26 Aug.	Mineralogy	T. H. Smith	8
8 Sept.	Invertebrates	F. A. McNeill	8
23 Sept.	Fishes	G. P. Whitley	8
8 Oct.	Invertebrates	A. A. Livingstone	8
13 April, 1926	Birds	J. R. Kinghorn	10
27 April,	Corals and Sponges	W. Boardman	10
11 May	Mammals	E. Le G. Troughton	10
25 May	Invertebrates	W. Boardman	6
8 June	Shells	Miss Allan	6
Total attendance			90

On "Bird Day," 18th September, Mr. J. R. Kinghorn gave four addresses on bird life to a total audience of 550.

As in previous years, a number of gallery talks were given to Boy Migrants brought to the Museum by an officer of the Y.M.C.A. (Welfare Branch).

19 Sept., 1925	...	J. R. Kinghorn	14
20 Oct.	...	E. Le G. Troughton	12
19 Nov.	...	J. R. Kinghorn	23
1 Dec.	(two)	E. Le G. Troughton	16
		J. R. Kinghorn	16
6 Jan., 1926	...	"	24
19 Feb.	...	"	12
21 April	...	"	18
14 May	...	E. Le G. Troughton	20
Total attendance			155

In addition to the foregoing, the following lectures followed by gallery demonstrations have been conducted by Mr. W. W. Thorpe:—

17 Feb., 1926	"Prehistoric Man"	Sydney Kindergarten Training College.	18
24 Feb.,	"Egypt"	"	20
3 March,	"Aborigines of New South Wales"	"	18
13 March,	"Aboriginal Weapons and Implements"	Young People's Institute, Banksia.	22
Total attendance			78

Two unofficial lectures were delivered in August, 1925, Mr. A. Musgrave addressing the Millions Club on "Lord Howe Island," and Mr. W. W. Thorpe the officers and crew of the U.S.S. "Colorado" on "The Aborigines of New South Wales."

On three occasions the Lecture Hall was made available for the exhibition of cinema films. On 14th August First National Pictures Ltd. screened the first release in Sydney of "The Lost World," and on 16th September Mr. E. A. Briggs gave a film lecture "The Black Heart of New Guinea." On 7th April, Professor Maurice Poel, of Charleroi University, Belgium, gave a lecture on "The Flight of the Bird," during which he showed an interesting series of moving pictures; this lecture was delivered under the auspices of the Australian Aero Club.

CURATORIAL WORK.

Mammals (E. Le G. Troughton in charge).—A very interesting and diversified series of mammals was registered as the result of collecting by various members of the Museum Staff and the active co-operation of private collectors stimulated by the response to numerous inquiries and the ready loan of equipment.

Some of the more interesting donations included the following:—

A collection from Yasabel, Solomon Islands, including three *Curcua* (*Phalanger orientalis*), rodents, and seven species of bats (Mr. N. S. Heffernan); four seals from various localities (Mr. A. S. le Souef). An interesting series of bats was presented by Mr. R. H. Dangar, Dr. J. S. Armstrong (Samoa), Mr. L. Abrahams, Miss E. Hosie, and Mr. W. Lockhart Bell (Tanna, New Hebrides). A small collection received from the late Thomas Steel was registered and incorporated in the collection. Mr. R. F. Armstrong, Health Office, Eitape, Mandated Territory, New Guinea, presented a collection from that locality, including a cuscus and a number of indigenous rats.

From the American Museum of Natural History, New York, we received by exchange a fine gallery exhibit of the rare South American marsupial *Canolestes fuliginosus*, as well as a spirit specimen.

The lion group was renovated and remodelled, the foreground altered and improved and a new and much improved style of lighting was installed. Considerable improvement was made in the gallery of mammals, the ungulate section being completely overhauled and rearranged.

Twenty-seven mounted specimens were removed and rehabilitated by the taxidermists, who also skinned, filled out, and otherwise treated 146 mammal skins during the year. The customary systematic disinfection of gallery and study collections has been carried out, and much "old collection" material has been named and registered.

Collections of bats have been submitted for identification by the Director of the Queensland Museum and the Curator of the Tasmanian Museum; the results of research on these specimens will be published later.

The following papers and articles have been prepared by Mr. Troughton during the year:—

"The Bats of Australia and New Guinea," in "Wild Animals of Australasia," by Messrs. le Souef, Burrell and Troughton.

"The Mystery of Marsupial Birth," *Aust. Mus. Magazine*, Vol. II, No. 11.

In addition, Mr. Troughton revised and corrected the whole of the proof sheets of "The Wild Animals of Australasia."

Skeletons (E. Le G. Troughton in charge).—Donations included aboriginal skulls from Western Australia (Mr. W. W. Froggatt) and from Queensland (Mr. J. Y. McCord); two seal crania (*Arctocephalus hookeri*) by the Curator of the Auckland Zoo; two fur seal crania from the Recherche Archipelago by Mr. A. S. le Souef; an interesting bandicoot skeleton from the Comboyne Plateau by Dr. C. E. Chisholm.

Dr. Alexs Hrdlicka, U.S. National Museum, made a careful study of our collection of aboriginal crania, two hundred of which were withdrawn from the store and submitted to him for examination.

Specimens cleaned and remounted for the gallery included two human skeletons, and the skeleton of two kangaroos and a leopard, as well as a number of crania. The Strap-toothed Whale has been repaired and recoloured, a platypus skeleton and 72 skulls prepared and included in the collection. The fine elephant skeleton was removed from the gallery, and is now being overhauled and repaired.

All cases and specimens in the osteological gallery were cleaned and fumigated throughout.

Birds (J. R. Kinghorn in charge; H. O. Fletcher, part-time assistant).—During the year 151 birds were presented and 14 obtained by exchange with Dr. Koelz, University of Michigan.

The duplicate collection of study skins has now been catalogued, classified, and card-indexed, and the exhibited series has been completely overhauled and rearranged, the cases painted and unsightly wooden steps replaced by glass shelving. During the year 201 gallery exhibits were removed, renovated, and prepared for the use of schools and other exhibitions. One hundred and fifty-one birds were skinned and made into study specimens, and 498 skins were examined and cleaned.

The whole of the store space was overhauled, the specimens examined, catalogued, and renovated where necessary.

Specimens for study and other purposes have been issued on loan to Miss F. M. Irby, Dr. J. A. Leader, Messrs. A. J. and A. G. Campbell, N. W. Cayley, H. Wolstenholme, and P. Gilbert. Considerable assistance has been accorded to the Chief Secretary in matters relating to bird protection, and the Department of Trade and Customs regarding birds for import or export.

The following papers have been written by Mr. Kinghorn during the year:—

"The Food and Economic Value of the Stubble Quail, *Coturnix pectoralis*," (In the press.)

"Notes on and Lists of Birds collected in South and South-west Australia," (In the press.)

Reptiles and Amphibians (J. R. Kinghorn in charge, H. O. Fletcher, part-time assistant).—During the year 284 specimens were added to the collection, of which 230 were presented, 39 exchanged, and 15 purchased. Among the larger collections acquired were specimens received from Dr. R. M. Bousek, Czechoslovakia, Messrs. R. J. Armstrong, New Guinea, Dr. Hudson, H.M.A.S. "Geranium." Mr. N. S. Heffernan, Solomon Islands, collected and presented a large series of rare and interesting frogs and lizards.

The spirit collections have been thoroughly overhauled at frequent intervals, and the catalogue checked and brought up to date.

The exhibited series of Reptiles and Amphibians has been rearranged and the cases painted. A large specimen of the Luth (*Dermochelys coriacea*) was remounted and coloured, and an Indian Python and several smaller exhibits were renovated and transferred to country museums. A number of casts were repaired and re-coloured for the gallery.

Papers prepared by Mr. Kinghorn for publication:—

- "A New Genus of Sea Snake and other Reptiles collected by H.M.A.S. 'Geranium' during a Cruise to North Australia." *Proc. Zool. Soc.*, London, 1926.
- "A Review of the Family Pygopodidae," *Rec. Austr. Mus.*, xv, 1, 1926.
- "Notes on *Pseudelaps minutus* Fry," *Rec. Austr. Mus.*, xv, 1, 1926.
- "Monograph of the Reptiles and Amphibians of the Solomon Islands." (Nearing completion.)

Fishes (G. P. Whitley in charge).—The collections have again been enriched by important donations by Dr. W. E. J. Partridge, R.A.N., whose colleagues on the surveying vessels "Herald," "Geranium," and "Moresby," are following his example in collecting marine specimens for the Museum. Mr. D. G. Stead has presented a fine series of about 3,000 Malayan fishes, and a supplementary collection of Hawaiian species. Mr. R. E. Baxter continues to contribute rarities from Lord Howe Island, and Mr. N. S. Heffernan has presented a collection from the Solomon Islands. The Trustees are also indebted to officers of the State Fisheries Branch for specimens of freshwater eels; to Mr. N. Ward for fishes dredged in Port Jackson and Port Phillip, and to Captains A. G. Flett and Knud Moller, of the trawlers, for deep-sea fishes.

A collection was obtained by Mr. Whitley while on holiday in the Capricorn Group, Queensland, and a number of specimens were obtained by exchange with the South African Museum, Cape Town.

During the year a number of casts, including the Star-gazer (*Kathetostoma laevis*), White-spotted Ray (*Etobatis narinari*), and a Ghost Shark (*Chimara ogilbyi*), were prepared by the articulators and coloured by Miss E. A. King.

Additional consignments of eels have been sent to Dr. Johs Schmidt, Copenhagen, and heads of fishes for osteological study have been supplied to Dr. H. L. Kesteven, Bulahdelah, New South Wales. A number of Australian fishes were forwarded to the London School of Tropical Medicine.

Through the courtesy of Mr. H. A. Longman, Director, and Mr. T. C. Marshall of the Queensland Museum, Mr. Whitley was able to make notes on several species of rare or little-known fishes preserved in that institution.

The following papers and articles were prepared for publication:—

- "List of the Fishes recorded from Queensland Waters," by A. R. McCulloch and G. P. Whitley, *Mem. Queensland Mus.*, viii, 2.
- "Studies in Australian Fishes, No. 8," by A. R. McCulloch, *Rec. Austr. Mus.*, xv, 1.
- "Report on some Fishes obtained by the F.I.S. 'Endeavour,' part V," by A. R. McCulloch, *Biol. Results Endeavour*, V, 4.
- "The Biology of the North-west Islet, Capricorn Group—Fishes," by G. P. Whitley, *Aust. Zoologist*, iv, 4.
- "Name List of the Fishes of Fiji," by G. P. Whitley. (In the press.)
- "Bibliography of James Douglas Ogilby," by G. P. Whitley. (In the press.)
- "Stranded Wayfarers," by G. P. Whitley, *Aust. Mus. Mag.*, ii, 7.
- "The Story of the Freshwater Eel," by H. K. Anderson and G. P. Whitley, *Aust. Mus. Mag.*, ii, 8.
- "A Giant Fish," by G. P. Whitley, *Aust. Mus. Mag.*, ii, 10.
- "Trawling in New South Wales," by G. P. Whitley, *Mid-Pacific Mag.*, xxxi, 6.

Insects and Arachnids (A. Musgrave in charge; T. G. Campbell, assistant).—Important donations were received from Mr. N. S. Heffernan (Ysabel and Russel Island), and Mr. C. E. Hart (Guadalecanar), greatly increasing our knowledge of the Solomon Islands insect fauna. A valuable series of Australian Nemestrinid types was presented by Dr. Ian Mackerras, and a fine collection of *Peripatus* was received from Mr. Thomas Steel. Collections of Queensland insects were received from Messrs. R. V. Oldham, W. D. Campbell, and C. E. Sims. Mr. H. T. Price presented a collection of economic insects from Fiji, Mr. W. W. Froggatt a series of timber pests, and Rev. J. Done (Mabuiag) a number of insects from Torres Strait. Mr. Musgrave presented a large general collection made at National Park, and a series of insects and spiders collected by himself and Mr. G. P. Whitley while on holiday in the Capricorn Group and at Mt. Tambourine, Queensland. Messrs. Musgrave and Campbell obtained much useful material on collecting trips to National Park.

A valuable collection of Nyctérids was obtained by exchange with Dr. H. Scott, Cambridge, England, and a large number of moths was purchased from Mr. W. W. Froggatt. A collection of Asilids was purchased from Mr. C. Gibbons.

The principal work of the section has consisted in identifying, registering, and labelling the collections received, and preparing reports on specimens submitted for identification and information.

In order to keep the nomenclature of the collections up to date, collections of insects belonging to various groups have been forwarded to specialists. We have to acknowledge cordial assistance in this direction received from Mr. H. J. Carter, Sydney (Coleoptera); Mr. J. Clark, Perth (Formicidae); Dr. E. W. Ferguson, Sydney (Diptera); Mr. H. Hacker, Brisbane (Hymenoptera); Mr. A. M. Lea, Adelaide (Coleoptera); Mr. Tindale, Adelaide (Orthoptera); Dr. A. Jefferis Turner, Brisbane (Heterocera).

Revision and rearrangement of the Australian Cicadidae, and Acrididae, and Pacific Island Buprestidae has been completed, and the spirit collection has been overhauled and the collection of *Peripatus* and Island Arachnida revised and catalogued.

The following papers and articles have been contributed by Mr. Musgrave during the year:—

- "A Sand-wasp's Burrow," *Aust. Mus. Mag.*, ii, 7.
- "In the Queensland Bush," *Ibid.*, ii, 9.
- "The Biology of North-west Islet, Capricorn Group" (Narrative, Insects, Bibliography), *Aust. Zoologist*, iv, 4.
- "The Bottle and Glass Rocks, Port Jackson," *Aust. Mus. Mag.*, ii, 9, (in collaboration with Mr. F. A. McNeill).
- "From Sea to Soup," *Aust. Mus. Mag.*, ii, 10 (in collaboration with Mr. G. P. Whitley).

Mr. Campbell has written the following articles:—

- "The Emperor Gum Moth and its Allies," *Aust. Mus. Mag.*, ii, 9.
- "A New Gallery Exhibit: A large Paper Wasp's Nest," *Ibid.*, ii, 10.

Mollusca (T. Iredale in charge; Miss J. Allan, assistant).—During the year collections were received from most of our regular correspondents, such as Mr. N. S. Heffernan, Mr. G. McAndrew and Mr. M. Ward. Dr. Eland Shaw contributed a series from anchor mud obtained at Borneo, and a series of paratypes of New Zealand mollusca was presented by Mr. H. J. Finlay and T. Iredale, who have recently described these shells in the transactions of the New Zealand Institute.

A good collection was obtained by Messrs. Iredale and Whitley on Michaelmas Cay, North Queensland, while they were the guests of the Great Barrier Reef Investigation Committee.

Dr. Burton Bradley and Mr. A. Mackay have been investigating the life-history of the liver fluke, and in connection with this research many specimens of land shells have been submitted for identification during the search for the molluscan host or hosts of this destructive parasite. Several inquiries were also received regarding *Trochus* shell, the price of which has now advanced considerably.

Miss Allan has prepared a useful catalogue of the monographs on mollusca contained in the large series of conchological works.

The ordinary routine work has been carried out, but the scattered condition of the collections has hampered this work, and it is hoped that before long more suitable disposition of the reserve collections will be made.

Mr. Iredale has during the year prepared the following papers and articles for publication:—

- "Captain Cook's Artists," *Aust. Mus. Mag.*, ii, 7.
- "George Forster's Paintings," *Aust. Zoologist*, iv.
- "The Status of *Amicula*," *Nautilus*, xxxix.
- "The Cuttle-fish 'Bones' of the Sydney Beaches," *Aust. Zoologist*, iv.
- "Three Victorian Species of *Ophicardelus*," *Vict. Nat.*, xlii.
- "The Biology of North-west Islet, Capricorn Group—Marine Mollusca," *Aust. Zoologist*, iv.
- "The Last Word on *Ancylastrum*," *Nautilus*, xxxix.
- "Monograph of Australian Loricates" (three parts), *Aust. Zoologist*, iv. (In collaboration with A. F. Basset Hull.)
- "Australian Crested Penguins," *Emu*, xxv. (In collaboration with Mr. N. W. Cayley.)

Four obituary notes were contributed by Mr. Iredale:—

- W. H. Hargraves, *Nautilus*, xxxix, pp. 68, 69.
- R. Murdoch, *Ibid.*, pp. 69, 70.
- W. L. May, *Ibid.*, pp. 140, 141.
- J. D. Ogilby, *Auk*, 1926, p. 138.

Marine Invertebrates (F. A. McNeill in charge; A. A. Livingstone and W. Boardman, assistants).—A large number of accessions has been received entailing much routine work.

Mr. N. S. Heffernan, Solomon Islands and Vanikoro, continues to contribute valuable donations, notably a collection of rare Decapoda from an area not usually accessible to Museum collectors. Mr. G. McAndrew of Shellharbour has made an exhaustive collection of the commoner South Coast forms and is now concentrating on the rarer species and periodical visitors; very little of value escapes the notice of this keen and skilful collector. Mr. Melbourne Ward took advantage of a trans-Pacific trip to collect Decapoda and Echinoderms at the various ports of call, and through his efforts we now have numerous representatives of these groups from Honolulu, Pago Pago, and San Francisco Bay. We are also indebted to Mr. Ward for the loan of a fine salt-water aquarium, complete with air-pump and other fittings; this is now installed and experimental work is in progress.

During a visit to New Caledonia Mr. A. F. Basset Hull collected a number of Decapoda at Noumea and at Lifou, Loyalty Islands, localities which were hitherto poorly represented in our collections. The collection of the late Thomas Steel, handed over just prior to his death in 1926, is of special interest and value. A large series of worms is included, and the Land Planarians in particular constitute a very fine acquisition, as they are the finest set of Australian species in the world. We continue to receive valuable material through the efforts of medical officers on naval surveying vessels, and we are indebted to Dr. K. Hudson, H.M.A.S. "Geranium" and Dr. L. Lockwood, H.M.A.S. "Moresby" for their co-operation.

A collection of British Bryozoa was received from Mr. G. A. Burr, London, and an exchange with the U.S. National Museum of Australian Decapoda for an equivalent in American material is in progress.

The work of checking, registering, and card-cataloguing the very large donation of Bryozoa received from Mr. W. H. Wooster last year is being continued, and a résumé of the exhibited series of worms has been undertaken. A large collection of Echinoderms collected by the Mawson Australasian Antarctic Expedition has been received back from Professor R. Koehler of Lyons, and the collections of Sphaeromid (sea lice) species, and parasitic Isopoda have been returned by the South Australian Museum, whither they were despatched for examination and report by Messrs. H. M. Hale and W. H. Baker.

At the invitation of the Harbour Trust Commissioners several trips have been made to study the crustacean pests which attack wharf piles, and the information and specimens gathered will form the basis of a report under preparation.

The following papers and articles have been prepared during the year:—

- "Studies on Australian Bryozoa No. 3," by A. A. Livingstone, *Rec. Aust. Mus.*, x, 1.
- "Bryozoa of North-west Islet, Capricorn Group," by A. A. Livingstone, *Aust. Zoologist*, iv, 4.
- "Life of the Tidal Flats," by F. A. McNeill and others, *Aust. Mus. Mag.*, ii, 8.
- "The Gordian Worm," by W. Boardman, *Aust. Mus. Mag.*, ii, 10.
- "Earthworms," by A. A. Livingstone, *Aust. Mus. Mag.*, ii, 10.
- "The Decapoda of North-west Islet, Capricorn Group," by F. A. McNeill (to be published in the next issue of *The Australian Zoologist*).
- "Studies on Australian Bryozoa, No. 4," by A. A. Livingstone (in the press).
- "Supplementary List of the Echinoderms collected by Surg.-Lieut. Commander W. E. J. Paradise in Queensland and North Australia," by F. A. McNeill and A. A. Livingstone (in the press).

Ethnology (W. W. Thorpe in charge; H. O. Fletcher, part-time assistant).—The principal donations were a series of aboriginal mill-stones from West of Lake Boolabooka, New South Wales, by Mr. V. W. Mahoney; Papuan ceremonial and domestic implements, by Mr. T. E. Rofe; Sinhalese moonstone tray by the Kandyan Art Association; spears and womerahs, Groote Eylandt, by the Rev. H. E. Warren; bark canoe, Sir Edward Pellew Group, by Commander H. T. Bennett, R.A.N.; Indian weapons by Mr. B. Bertram; a large collection of ethnographical material, principally from Ocean and Pleasant Islands, by Mr. F. Danvers Power; weapons and ornaments, Mandated Territory, New Guinea, by Mr. R. F. Armstrong; weapons and charms from equatorial Africa, by Miss C. Coveny; a fine outrigger canoe from Reef Island, Santa Cruz Group, by Mr. N. S. Heffernan; aboriginal weapons from North-east Queensland, by Mr. J. E. Webber.

From the American Museum of Natural History we received by exchange busts restorations of Trinil, Neanderthal, and Cro-Magnon men. Exchange with the Otago University Museum augmented our Chatham Island collections, and a number of Netherlands New Guinea specimens were acquired by exchange with the Koloniaal Instituut, Amsterdam.

Every effort has been made to maintain the collection in good order, and the official Papuan Collection has been overhauled and disinfected.

The "ravi" exhibit has now been enclosed, and the wall casing at the rear of the structure has been utilised for the exhibition of bows, arrows, drums, and ceremonial material. A fine aboriginal bark canoe was installed, room having been obtained by withdrawing an inferior dug-out.

Mr. Thorpe has contributed the following articles to the Australian Museum Magazine:—

"Stencilled Handmarks," vol. II, No. 7.

"Primitive Initiation," vol. II, No. 8.

"A Probable Relic of La Perouse," vol. II, No. 9.

"The Ravi or Papuan Club House," vol. II, No. 10.

Numismatics (W. W. Thorpe in charge).—The outstanding acquisitions during the year were a medal and badges of the Special Constabulary, London, worn during the war period, presented by Mr. G. W. Ransom, and a series of current and post-war Russian metal and paper money, obtained by purchase.

The contents of the coin cases on view near the main entrance have been regularly changed.

Requests for identification of coins have increased in number, and make a considerable demand on Mr. Thorpe's time.

Palaeontology (The Director in charge, assisted by W. W. Thorpe and H. O. Fletcher).—The most important acquisition was the large collection purchased from Mr. Varney Parkes, comprising the gatherings of many years; this collection is now awaiting registration. A fine collection of Triassic fish from the brick pit at Beacon Hill, near Manly, was obtained, chiefly presented by, or purchased from Mr. P. Carew, and presented by Dr. C. Anderson. A small collection of the interesting phyllopod *Leaia mitchelli* from Belmont, Newcastle District, was presented by Mr. John Mitchell. Collections of extinct marsupial remains from the Wellington Caves were presented by Messrs. J. H. Truman, E. J. George, E. M. Temby and A. C. Brown, and specimens from the same locality were collected by Dr. C. Anderson and Mr. G. C. Clutton. A large series of bones of *Meiolania platyceps*, Lord Howe Island, was purchased from Messrs. M. Nicholls and R. V. Hines. Skull casts of the interesting mammal-like reptile *Cynognathus crateronotus*, from the Triassic of South Africa, and of *Sthenurus occidentalis*, an extinct macropod from the Mammoth Cave, Western Australia, were added to the collection.

During the year the collection of vertebrate fossils was overhauled and a number of fresh labels was prepared for the exhibition series. Progress has been made in the preparation of a card catalogue to the collection of fossils.

An instructive exhibit placed on view is a series of specimens illustrating the structure and occurrence of the extinct Chelonian *Meiolania*.

Papers and articles prepared by Dr. Anderson during the year:—

"The Australian Fauna." *Journ. Roy. Soc. N.S.Wales*, lix.

"The Higher Vertebrates of the Tertiary and Post Tertiary of Australia." (To be incorporated in Professor Sir Edgeworth David's "Geology of Australia.")

"The Horse and its Ancestors." *Aust. Mus. Mag.*, ii, 8.

"The Extinct Horned Turtle *Meiolania*." *Aust. Mus. Mag.*, ii, 10.

"The Wellington Caves." *Aust. Mus. Mag.*, ii, 11.

"Obituaries," (A. R. McCulloch, J. D. Ogilby, T. Stesl). *Aust. Mus. Mag.*, ii, 8.

An Obituary of the late A. R. McCulloch, to be published in the "Records," is in the press.

Mineralogy (T. Hodge Smith in charge, C. M. G. Friend, assistant).—Six hundred and ninety-eight minerals were registered during the year. The following species not previously represented have been added to the collection:—Aenigmatite, Allactite, Allingite, Ampangabeite, Aphrodiserite, Aphthitalite, Argyrodite, Argyropyrite, Atopite, Barcenite, Barysilite, Bastnaesite, Beaverite, Bementite, Beraunite, Bertrandite, Berzelite, Blomstrandine, Brugnateilite, Caxoxenite, Calciovolborthite, Catapleite, Clinohumite, Connelite, Cryolithionite, Delafossite, Euclase, Fizelylite, Franckeite, Fremontite, Gavite, Gehlenite, Germanite, Glockerite, Graphite, Hardystonite, Hercynite, Jezekite, Langbanite, Leucophoenicite, Mixite, Neotocite, Paragonite, Plagionite, Priorite, Pseudobrookite, Pyrochroite, Pyroxmangite, Reinite, Riebeckite, Rinkite, Risorite, Roemerite, Sträverite, Thomsenolite, Thortveitite, Thuringite, Trimerite, Triploidite, Tyuyamunite, Vashegite, Warwickite, Whewellite, Wilkite, by exchange with Ward's Natural History Establishment; Ptilolite and Gryolite, by exchange with the Geological Survey of India; Carphosiderite, by exchange with the Department of Mines, South Australia; and Barrandite, by exchange with Mr. Geo. Smith.

A month was spent in the field collecting zeolites from Kyogle and investigating the occurrence of calcite at the Garibaldi Mine, Lionsville; much valuable assistance was rendered by Mr. Friend in this work. Over 480 specimens of zeolites and calcite were added to the collection, and some of the finest specimens of chabazite contained in the Museum collection were obtained from this locality.

The work of the Department has again been very greatly hampered by the lack of any storage facilities.

The following papers have been published:—

"Mineralogical Notes No. 2," by T. Hodge Smith, *Rec. Aust. Mus.* xv, 1.

"Mineral Collecting on the Northern Rivers of New South Wales," by T. Hodge Smith, *Aust. Mus. Mag.* ii, 10.

Petrology (T. Hodge Smith in charge, C. M. G. Friend, assistant).—Over 130 rocks have been added to the collection during the year. Much time has been spent in naming a large collection of unnamed rocks from Antarctica and New South Wales, and over 400 of these have been examined and named; this work has been greatly facilitated by the excellent micro-slides prepared by Mr. Kingsley.

The "St. Catherine" siderite and the "Olivenza," "Orgueil," and "El Tlahi" acrolites have been added to the collection.

The work of registering the rock collection commenced last year is now almost complete, the bulk of the work having been carried out by Mr. Friend. A card index of the collection has been instituted and is complete for all rocks named.

Mr. Friend has spent a considerable time at the University continuing his studies in chemistry.

The following paper has been published:—

"Tieraco Creek Siderite," *Rec. Aust. Mus.* xv, 1, 1926, by T. Hodge Smith and H. P. White.

GENERAL.

The educational activities of the Museum have been well maintained. Frequent demands are made on members of the staff to assist in naming and arranging collections. At the request of Professor Griffith Taylor, Mr. W. W. Thorpe named and localised a series of ethnological specimens in the Geography Department, University of Sydney, and Miss J. Allan determined the collection of shells in the Teachers' Training College at the University.

A large collection of natural history specimens, ethnological objects, and coins was, at the suggestion of the Under Secretary, Department of Education, named and arranged by members of the Museum Staff for the Burwood School of Arts.

Small collections are issued on loan, for teaching or exhibition purposes, to bodies such as the Kindergarten Union, the Missionary Society, the Naturalists' Society, and others.

Frequent demands are made for the loan of lantern slides, of which we now possess a large series, for school and other purposes.

List of Specimens acquired during the year ending 30th June, 1926:—

Department.	Donation.	Exchange.	Purchase.	Collection.	Total.
Vertebrata—					
Mammalia	86	2	1	15	104
Aves	169	14	.....	.....	183
Reptilia	221	30	14	3	268
Pisces	316	26	.....	19	361
Skeletons	29	1	.....	7	37
Invertebrata—					
Mollusca	2,986	.....	.....	60	3,046
Insects and Arachnida	3,335	66	716	389	4,503
Crustacea	753	332	.....	85	1,170
Echinodermata	314	.....	.....	110	424
Polyzoa	95	27	.....	5	127
Vermes	1,570	.....	.....	43	1,613
Hydroida	2	13	.....	7	22
Sponges and Foraminifera	19	.....	.....	13	32
Other Invertebrata	58	.....	.....	47	105
Geological—					
Fossils	64	11	241	43	359
Minerals	18	175	2	487	682
Rocks	36	7	37	44	124
Ethnological, &c.—					
Ethnological	774	84	165	469	1,492
Historical	1	.....	.....	.....	1
Numismatical	33	.....	26	.....	59
Miscellaneous—			Prepared		
Micro. Sections	5	.....	367	.....	372
Casts	3	4	20	.....	27
Moulds .....	.....	.....	9	.....	9
Photo. Negatives	13	.....	96	.....	109
Lantern Slides	470	.....	352	.....	822
Photographs	9	.....	3	.....	12
Vertebrata	821	73	15	44	953
Invertebrata	9,132	438	716	759	11,045
Fossils and Minerals	118	163	280	574	1,165
Ethnological	803	84	191	469	1,552
Miscellaneous	500	4	847	.....	1,351
	11,379	792	2,049	1,846	16,066

The Common Seal of the Museum was hereunto affixed by order of the Board, this nineteenth day of November, 1926.

(L.S.)

CHARLES ROSENTHAL, President.
W. T. WELLS, Secretary.

APPENDIX A.

TRUSTEES OF THE AUSTRALIAN MUSEUM AT 10TH JUNE, 1926.

	Ordinary Meetings.	Special Meetings.
Crown Trustee.		
Mr. James McKern	8	3
Official Trustees.		
Statutory—		
His Honor the Chief Justice .....	...	...
The Hon. the Colonial Secretary .....	...	...
The Hon. the Attorney-General .....	...	...
The Hon. the Colonial Treasurer .....	...	...
The Auditor-General	10	3
*The President of the Medical Board (Dr. T. Storie Dixon)	9	1
Appointed—		
The Hon. the President of the Legislative Council .....	...	...
The Crown Solicitor .....	...	...
The Surveyor-General and Chief Surveyor—		
Mr. A. H. Chesterman	3	...
Mr. H. F. Hall	1	...
Mr. H. B. Mathews, B.A. ....	...	1
The Hon. the Secretary for Public Works and Minister for Railways .....	...	...
The Hon. the Minister for Education	2	2
Elective Trustees.		
Dr. J. R. M. Robertson	10	2
†Mr. E. Wunderlich, F.R.A.S.	5	2
Dr. G. H. Abbott, B.A., M.S.	3	2
Mr. J. J. Fletcher, M.A., B.Sc.	10	...
‡Sir William Vickers, C.B.E.	2	...
§Sir Charles Rosenthal, K.C.B., C.M.G., D.S.O., V.D.	7	2
||Professor L. Harrison, B.Sc., B.A.	8	2
Mr. E. C. Andrews, B.A.	10	3
Mr. O. C. Beale, F.R.H.S.	7	3
Mr. R. H. Cambage, O.B.E.	10	3
Mr. G. M. Blair	10	3
¶Dr. C. Gordon MacLeod, M.A.	9	1

(*) Went abroad, May.

(†) Leave of absence—July to December.

(‡) Leave of absence—July to September.

(§) Leave of absence, October and November.

(||) Leave of absence, August and September.

(¶) Leave of absence, June.

APPENDIX B.

Committees of the Australian Museum at 30th June, 1926.

House Committee.		11 Ordinary Meetings.	1 Special Meeting.
Dr. T. Storie Dixon		4	...
Mr. E. Wunderlich .....		...	1
Mr. James McKern (Chairman)		10	1
Mr. F. A. Coghlan		11	1
Dr. J. R. M. Robertson		10	1
Mr. E. C. Andrews		8	1
Finance and Publicity Committee.		12 Ordinary Meetings.	
Dr. T. Storie Dixon		1	
Mr. James McKern		9	
Mr. F. A. Coghlan (Chairman)		8	
Mr. J. J. Fletcher		5	
Mr. O. C. Beale		8	
Mr. R. H. Cambage (elected 4th December, 1925)		6	
Scientific and Publication Committee.		11 Ordinary Meetings.	
Dr. T. Storie Dixon		1	
Dr. G. H. Abbott		5	
Mr. J. J. Fletcher		9	
Sir Charles Rosenthal		5	
Professor L. Harrison (Chairman)		8	

Special Committees.—Fourteen meetings were held, business and attendances as follows:—

	Of House Committee.	Re Rules and Orders.	Re Gunnamatta Hatchery.	Re Post-cards.
Dr. T. Storie Dixon .....	...	...	1	...
Mr. James McKern	8	1	1	...
Mr. F. A. Coghlan	10	1	2	1
Professor L. Harrison .....	...	1	2	1
Mr. E. C. Andrews	10	...	...	...
Mr. O. C. Beale .....	...	...	...	1

APPENDIX C.

Staff of the Australian Museum at 30th June, 1926.

Name of Officer.	Position.	Date of First Appointment in the Museum.	Date of Appointment to present position.
Anderson, C., M.A., D.Sc.	Director	22 July, 1901	14 Feb., 1921.
Wells, W. T., A.I.V.A.	Secretary	6 June, 1924	6 June, 1924.
Thorpe, W. W.	Ethnologist	9 Oct., 1899	1 July, 1906.
Kinghorn, J. R.	Zoologist in charge of Birds, Reptiles and Amphibia	1 Sept., 1907	4 Feb., 1921.
Troughton, E. Le G.	Zoologist in charge of Mammals and Skeletons	13 Jan., 1908	4 Feb., 1921.
Musgrave, A.	Entomologist	7 Feb., 1910	1 June, 1920.
McNeill, F. A.	Zoologist in charge of Lower Invertebrates	18 May, 1914	3 Feb., 1922.
Smith, T. H.	Mineralogist and Petrologist	18 July, 1914	3 Mar., 1922.
Iredale, T.	Conchologist	1 April, 1924	6 Feb., 1925.
Whitley, G. P.	Ichthyologist	18 April, 1922	2 Oct., 1925.
Rainbow, W. A.	Librarian	13 July, 1902	1 Oct., 1916.
Allan, Miss C. M. J.	Assistant in Conchology	5 Feb., 1917	7 Dec., 1923.
Livingstone, A. A.	Cadet	24 May, 1920	21 May, 1920.
Campbell, T. G.	Cadet	13 Dec., 1920	13 Dec., 1920.
Fletcher, H. O.	General Assistant	6 Aug., 1918	16 May, 1921.
Boardman, W.	Cadet	18 April, 1922	18 April, 1922.
Friend, C. M. G.	Cadet	1 May, 1924	1 May, 1924.
McCarthy, F. D.	Assistant Librarian	29 Mar., 1920	29 Mar., 1920.
Trimble, J. A.	Accountant	1 July, 1909	1 Oct., 1916.
Murphy, T. A.	Clerk	1 May, 1911	1 Oct., 1916.
Johnstone, Miss G. E.	Stenographer	1 Aug., 1924	1 Aug., 1924.
Henson, T. A.	Foreman Artificer	1 May, 1902	7 Feb., 1925.
Jackson, H.	Assistant Artificer	9 June, 1910	6 Oct., 1920.
Clutton, G. C.	Articulator	25 April, 1904	1 May, 1913.
Kingsley, J.	Assistant Articulator	21 July, 1913	21 July, 1913.
Grant, H. S.	Taxidermist	5 Oct., 1909	2 Mar., 1918.
Wright, J. H.	Assistant Taxidermist	13 May, 1908	5 Nov., 1917.
Barnes, Wm.	Assistant Taxidermist	1 June, 1922	1 June, 1922.
Woodhead, J.	Printer	27 Sept., 1897	27 Sept., 1897.
Barnes, A.	Chief Attendant	7 Dec., 1897	1 July, 1922.
Watson, J.	Senior Attendant	8 May, 1914	1 July, 1922.
Mackay, A.	Attendant	13 Mar., 1915	1 July, 1922.
Hill, E. T.	Attendant	8 Oct., 1917	8 Oct., 1917.
Massey, D.	Attendant	8 Dec., 1917	8 Dec., 1917.
Welsh, A. B.	Attendant	4 Nov., 1918	4 Nov., 1918.
Morris, E. G.	Attendant	10 Oct., 1921	10 Oct., 1921.
Medway, W. A.	Attendant	2 June, 1922	2 June, 1922.
Stein, H. W.	Attendant	1 July, 1922	1 July, 1922.
McIver, J.	Attendant	29 Mar., 1926	29 Mar., 1926.
Barnes, Miss G.	Attendant	1 July, 1924	1 July, 1924.
Haylings, F. L.	Attendant	1 July, 1922	24 Aug., 1924.
Glazebrook, T.	Attendant	11 Nov., 1922	11 Nov., 1922.

APPENDIX D.

Honorary Staff of the Australian Museum at 30th June, 1926.

	Date of first appointment in the Museum.	Date of appointment to present position.
Professor T. Harvey Johnston, M.A., D.Sc., Hon. Zoologist	18 Feb., 1908	5 Mar., 1909.
Edw. F. Hallman, B.Sc., Hon. Zoologist	9 June, 1909	1 Apr., 1912.
A. F. Bassett Hull, Hon. Ornithologist	7 Sept., 1917	7 Sept., 1917.
G.A. Waterhouse, D.Sc., B.E., Hon. Entomologist	3 Oct., 1919	3 Oct., 1919.
H. J. Carter, B.A., Hon. Entomologist	2 July, 1920	2 July, 1920.
Professor L. Harrison, B.Sc., B.A., Hon. Zoologist	1 July, 1921	1 July, 1921.
E. A. Briggs, M.Sc., Hon. Zoologist	1 June, 1912	1 July, 1921.
W. S. Dun, Hon. Palaeontologist	3 Nov., 1922	3 Nov., 1922.
Charles Hedley, Hon. Conchologist	1 Apr., 1891	4 Apr., 1924.
H. Leighton Kesteven, D.Sc., M.D., Hon. Zoologist	1 Jan., 1906	6 Mar., 1925.

APPENDIX E.

ADDITIONS TO THE LIBRARY.

Reg. No.	Books.	How acquired.	Reg. No.	Books.	How acquired.
PART I.—AUTHORS.			21721	CXLIV, Mammalia, No. 6.	
21573	ALDERSON, E. G. Studies in Ampullaria. 1 vol. 4to. Cambridge, 1924	Presented	21679	CXLV, Geology, No. 16.	
21760	BANFIELD, E. J. Last Leaves from Dunk Island. With introduction by A. H. Chisholm. 1 vol. 8vo. Australia [Sydney], 1925.	Purchased	21680	CXLVI, Biography, No. 1.	
21706	BANKS, N. Collected Papers. 1 vol. 8vo. Various.	Presented	21683	CXLVII, Insecta, No. 25. 27 vols. 8vo. Various.	
21670	BASEDOW, Herbert. The Australian Abori- ginal. 1 vol. 8vo. Adelaide, 1925.	Purchased	21678	Folio Series— Vols. XXIII, Mollusca, No. 2.	Presented by T. Steel.
21780	BINNEY, G. W. and Others. The Land and Fresh Water Shells of North America. Pt. 5. Monograph of American Corbiculadæ (Recent and Fossil), by Temple Prime. (Smith. Misc. Coll. 145). 1 vol. 8vo. Washington, 1865.	Presented	21681	XXVI, Ethnology, No. 2.	
21856	BROINOWSKI, Gracius J. Birds and Mam- mals of Australia 1 vol. 4to. Sydney. n.d.	Presented by H. S. Grant.	21682	XXVII, General Zoology, No. 5.	
21863	DANIEL, B. J. Animal Life in the Sea. 1 vol. 8vo. Liverpool & London, 1925	Purchased	21684	XXIX, Invertebrata, No. 1. 4 vols. 8vo. Various.	Presented
21777	DEUTSCHE TIEFSEE-EXPEDITION AUF DEM DAMPFER "VALDIVIA," 1898-99. Wissenschaftliche Ergebnisse, Bd. XVII, h. 2. 1 vol. 4to. Jena, 1925.	Purchased	21850	PAN-PACIFIC FOOD CONSERVATION CON- FERENCE. Proceedings of the First. . . held under the auspices of the Pan-Pacific Union, Honolulu, Hawaii, July 31 to August 14, 1924. (Mid-Pacific Magazine, XXIX, 1-4). 1 vol. 8vo. Honolulu, 1925.	Presented
21707	FEJÉRVÁRY, G. J. De. Collected Papers. 1 vol. 4to. Various.	Presented	21853-4	PAN-PACIFIC SCIENCE CONGRESS. Pro- ceedings, Australia, 1923. Melbourne Meet- ing, 13-22 August, 1923; Sydney Meeting, 23 August to 3 September, 1923, held under the auspices of the Australian National Research Council. Edited by Gerald Light- foot. Vols. I-II. 2 vols. 8vo. Melbourne, 1924.	Presented
21779	GÖLDI, Emil August. Göldi-Göldli-Göldlin; beitrag zur kenntniss der geschichte einer schweizerischen familie. 1 vol. 8vo. Zurich, 1902.	Presented	21714	PILSBRY, Henry. A review of the Land Mollusca of the Belgian Congo, chiefly based on the Collections of the American Congo Expedition, 1909-1915. (Bull. Amer. Mus. Nat. Hist., XL). 1 vol. 8vo. New York, 1919.	Presented
21704	HALLMAN, E. F. Collected Papers. 1 vol. 8vo. Various.	Presented	21669	ROHEIM, Géza. Australian Totemism; a Psycho-Analytic Study in Anthropology, with an introduction by M. D. Eber. 1 vol. 8vo. London, 1925.	Purchased
21711	HEDLEY, C. Collected Papers. 1 vol. 8vo. Various.	Presented	21868	ROWLEY, John. Taxidermy and Museum Exhibition, with a preface by F. M. Chapman. 1 vol. 8vo. London & New York, 1925.	Purchased
21708	HOWCHIN, W. Collected Papers. 1 vol. 8vo. Various.	Presented	21671	RUIZ, M. N. Nueva Teoria Cosmica y Su Aplicacion a las Ciencias Naturales. Mecanica, Celeste, Cosmologia, Fisica y Quimica. 1 vol. 8vo. Comitan, Mexico, 1925.	Presented
21769	ILLIGER, Car. Prodrum systematis Mam- malium et Avium additis terminis Zoograp- hiciis utriusque classis, eoruscque versione Germanica. 1 vol. 8vo. Berolini, 1811.	Presented by T. Iredale.	21710	SJÖGREN, H. J., Collected Papers. 1 vol. 8vo. Various.	Presented
21576	LORD, C. E. and H. H. SCOTT. A Synopsis of the Vertebrate Animals of Tasmania. 1 vol. 8vo. Hobart, 1924.	Purchased	21712	SMITH, E. A. Collected Papers. 1 vol. 8vo. Various.	Presented
21574-5	MCCURDY, G. G. Human Origins; A Manual of Prehistory, in 2 vols. 1 vol. 8vo. New York and London, 1924.	Purchased	21705	SMITH, M. A. Collected Papers. 1 vol. 8vo. Various.	Presented
21579-86	MATHEWS, Gregory M. The Birds of Australia. Vols. V-XI and Supplements Nos. I-III. 8 vols. fol. London, 1915-24.	Purchased	21713	WAIT, W. E. Manual of the Birds of Ceylon. 1 vol. 4to. London, 1925.	Presented by Colombo Museum
21867	MONCRIEFF, Perrine. New Zealand Birds and How to Identify Them. 1 vol. 8vo. New Zealand, &c., 1926.	Presented	21709	WIELAND, G. R. Collected Papers. 1 vol. 8vo. Various.	Presented
21857	ORNITHOLOGICA BRITANNICA Avium Omnium Britannicarum Terrestrium quam Aquaticarum. 1 vol. fol. London, 1781	Presented by T. Iredale.	21759	ZITTEL, Karl A. von. Text-book of Palæon- tology. Vol. III. 1 vol. 8vo. London, 1925.	Purchased
21676-77	PAMPHLETS. Svo. Series, vols. CXVIII- CXIX. Mollusca, Nos. 6-7. 2 vols. 8vo. Various.	Presented by T. Steel.	PART II.—PERIODICALS.		
21685-91	Vols. CXX-CXXVI. Geology, Nos. 9-16.		AUSTRALASIA.		
21692-93	CXXVII-CXXVIII, Mineralogy, Nos. 8-9.		Commonwealth of Australia.		
21694	CXXIX, General Zoology, No. 6.		21723	AUSTRALASIAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. Proceedings. Index to Vols. I-XVI, 1888-1923. Prepared by the Hon. George M. Thomson. 1 vol. 8vo. Sydney, 1925.	Presented
21695	CXXX, Mollusca, No. 8.		21722	CENSUS AND STATISTICS, COMMON- WEALTH BUREAU OF Official Year-book of the Commonwealth of Australia, No. 18, 1925. 1 vol. 8vo. Melbourne, 1925.	Presented
21696-99	CXXXI, CXXXIII-CXXXIV, Insects, Nos. 20-22.		21674	COMMONWEALTH OF AUSTRALIA. Historical Records of Australia, Series I. Vol. XXIV, October, 1844 to March, 1846.	
21700	CXXXV, Arachnida, No. 4.		21765	XXV, April, 1846 to September, 1847. 2 vols. 8vo. Melbourne, 1925.	Presented
21701-02	CXXXVI-CXXXVII, Fishes, Nos. 5-6.				
21702-03	CXXXVIII-CXXXIX, Palæontology, Nos. 10-11.				
21717A	CXL, Crustacea, No. 8.				
21718-19	CXLI, CXLIII, Arachnida, Nos. 5-6.				
21720	CXLII, Coelenterata, No. 4.				

Reg. No.	Books.	How acquired.	Reg. No.	Books.	How acquired.
	<i>New South Wales.</i>			<i>GEOLOGICAL SOCIETY OF LONDON.</i>	
21778	AUSTRALIAN MUSEUM. Papers relating to a Collection of Shells forwarded to Mr. E. A. Smith (British Museum, Natural History) in 1888. 1 vol., fol. Sydney, 1903. Presented	Presented	21611-2	Geological Literature for the years 1911-1922. 2 vols. 8vo. London, 1912-23. Presented	
21633-4	LINNEAN SOCIETY OF NEW SOUTH WALES. Proceedings, vols. XLVIII-XLIX. 2 vols. 4to. Sydney, 1923-24. Presented	Presented	21605-10	Quarterly Journal. Vols. LXXIV-LXXX. 6 vols. 8vo. London, 1918-21. Presented	
21635	Abstract of Proceedings, 1902-1919; Rules, List of Members, &c., 1905, 1913; Minutes of Special General Meeting, May 23rd, 1907, to mark the occasion of the Centenary of Carl von Linné (1707-1778). 1 vol. 8vo. Sydney, 1902-19. Presented	Presented	21592-3	GEOLOGISTS' ASSOCIATION. Proceedings. Vols. XXXIV-XXXV. 2 vols. 8vo. London, 1923-24. Presented	
21797-8	ROYAL SOCIETY OF NEW SOUTH WALES. Journal and Proceedings, vols. LV-LVIII, 1921-24. in 2 vols. 8vo. Sydney, 1922-25. Presented	Presented	21638	MUSEUMS' ASSOCIATION. Museums Journal. Vols. XXIII-XXIV. In 1 vol. 8vo. London, 1923-25. Purchased	
21862	ROYAL ZOOLOGICAL SOCIETY OF NEW SOUTH WALES. Australian Zoological Handbook, No. 1. Check list of the Fishes and Fish-like Animals of New South Wales, by Allan R. McCulloch. 1 vol. 4to. Sydney, 1922. Presented	Presented	21587 } 21793 }	NATURE. Vols. CXIV-CXV, July, 1924, to June, 1925. 2 vols. 4to. London, 1924-25. Purchased	
21636	Australian Zoologist, The. Vol. III. 1 vol. 4to. Sydney, 1923-24. Presented	Presented	21500-1	QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE. Vols. LXVII-LXVIII. 2 vols. 8vo. London, 1923-24. Purchased	
21631-32	SYDNEY TECHNICAL COLLEGE. Technical Gazette of New South Wales, vols. IV-XIII. 2 vols. 4to. Sydney, 1914-23. Presented	Presented	21642	RAY SOCIETY. The British Hydracarina. By C. D. Soar and W. Williamson. Vol. I. 1 vol. 8vo. London, 1925. Purchased	
21771	YEAR-BOOK. Official Year-book of New South Wales, 1924. 1 vol. 8vo. Sydney, 1925. Presented	Presented	21650	ROYAL ANTHROPOLOGICAL INSTITUTE OF GREAT BRITAIN AND IRELAND. Journal. Vols. LII-LIII. 1 vol. 4to. London, 1922-23. Presented	
	<i>Queensland.</i>		21624-8	ROYAL MICROSCOPICAL SOCIETY. Journal for the years 1918-1922. 5 vols. 8vo. London, 1918-22. Purchased	
21623	ROYAL SOCIETY OF QUEENSLAND. Proceedings, vols. XXXIII-XXXV. 1 vol. 8vo. Brisbane, 1922-24. Presented	Presented		ROYAL SOCIETY OF LONDON. Proceedings. Series A. Vols. CIV-CVII. Series B, XCV-XCVII. 7 vols. 4to. London, 1923-25. Presented	
	<i>South Australia.</i>		21865	SCIENTIFIC AND LEARNED SOCIETIES OF GREAT BRITAIN AND IRELAND. Year-book: A Record of the Work done in science, literature and art during the session 1924-1925 by numerous societies and Government institutions. 42nd annual issue. 1 vol. 8vo. London, 1925. Purchased	
21640	ROYAL SOCIETY OF SOUTH AUSTRALIA. Transactions and Proceedings, vols. XLVII-XLVIII. 1 vol. 8vo. Adelaide, 1924-25. Presented	Presented	21641 } 21864 }	ZOOLOGICAL RECORD. Being Records of Zoological Literature relating chiefly to the years 1923 and 1924. Vols. LX-LXI. 2 vols. 8vo. London, 1925. Purchased	
21639	SOUTHAUSTRALIAN MUSEUM. Records, vol. II. 1 vol. 4to. Adelaide, 1921-24. Presented	Presented	21862-6	ZOOLOGICAL SOCIETY OF LONDON. Proceedings, 1923, vols. I-II; 1924, I-II; 1925, I. 5 vols. 8vo. London, 1923-25. Presented	
	<i>Tasmania.</i>			ENGLAND.	
21770	ROYAL SOCIETY OF TASMANIA. Report for the years 1868 and 1870. In 1 vol. 8vo. Hobart, 1868-71. Presented	Presented	21869	LIVERPOOL BIOLOGICAL SOCIETY. Proceedings and Transactions. Vol. XXXIX. 1 vol. 8vo. Liverpool, 1925. Presented	
	<i>New Zealand.</i>		21649	LIVERPOOL, UNIVERSITY OF. Annals of Archaeology and Anthropology. Vols. IX-X. 1 vol. 4to. Liverpool, 1922-23. Presented	
21672-3	CAWTHRON INSTITUTE. Cawthron Lectures. Vols. I-II, 1916-25. 2 vols. 8vo. Nelson, 1920, 1925. Presented	Presented	21588-9	TRING ZOOLOGICAL MUSEUM. Novitates Zoologicae. Vols. XXX-XXI. 2 vols. 4to. London, 1923-24. Presented	
	<i>GREAT BRITAIN.</i>			BRITISH EMPIRE.	
21799-801	ANNALS AND MAGAZINE OF NATURAL HISTORY. 9th Series. Vols. XIV-XVI. 3 vols. 8vo. London, 1924-25. Purchased	Purchased		<i>Canada.</i>	
21866	BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. Report of the 93rd Meeting (95th year), Southampton, 6 August to 2 September, 1925. 1 vol. 8vo. London, 1926. Purchased	Purchased	21772	ROYAL SOCIETY OF CANADA. Proceedings and Transactions, 3rd Series. Vol. XIX. Meeting of May, 1925. 1 vol. 8vo. Ottawa, &c., 1925. Presented	
21877	BRITISH MUSEUM (NATURAL HISTORY). Mineral Department. An Introduction to the Study of Meteorites, with a list of the Meteorites represented in the Collection. 1 vol. 8vo. London, 1890. Presented by H. Russell.	Presented by H. Russell.		<i>India.</i>	
21715	Catalogue of the Recent Sea-Urchins (Echinoidea) in the Collection. By H. Lyman Clark. 1 vol. 8vo. London, 1925. Presented	Presented	21789-92	ASIATIC SOCIETY OF BENGAL. Memoirs. Vols. I, III, V-VI. 4 vols. 4to. Calcutta, 1905-25. Presented	
21716-7	Fossil Insects. Nos. 1-2. 2 vols. 8vo. London, 1925. Presented	Presented	21793-4	BOMBAY NATURAL HISTORY SOCIETY. Journal. Vol. XXIX, parts 1-4. 2 vols. 8vo. Bombay, 1923-24. Purchased	
21637	GEOLOGICAL MAGAZINE Vol. LX, 1923. 1 vol. 8vo. London, 1923. Purchased	Purchased	21795	GEOLOGICAL SURVEY. Memoirs. Vols. XLIII-XLIV. In 1 vol. 4to. Calcutta, 1913-23. Presented	
			21620-2	INDIAN MUSEUM. Records. Vols. LIII-LV. 3 vols. 4to. Calcutta, 1921-24. Presented.	
			21824-9 } 21849 }	INDIAN MUSEUM. Records. Vols. VIII, XVII-XVIII, XXII, XXIV-XXVI, and Index to Vols. I-XX. 7 vols. 4to. Calcutta, 1912-24. Presented	

Reg. No.	Books.	How acquired.	Reg. No.	Books.	How acquired.
<i>South Africa.</i>			MICHIGAN ACADEMY OF SCIENCE, ARTS, AND LETTERS.		
SOUTH AFRICAN MUSEUM.			21577 } Papers, containing papers submitted at the	Presented	
21594-604	Annals. Vols. VII-XV, XVII-XVIII. 11 vols. 4to. London, 1903-24.	Presented	21675 } Annual Meetings. Vol. IV. Parts 1-2. 2 vols. 8vo. New York, 1925.		
UNITED STATES OF AMERICA.			<i>New York.</i>		
<i>District of Columbia.</i>			AMERICAN MUSEUM OF NATURAL HISTORY.		
21724	AGRICULTURE, U.S. DEPARTMENT OF. Agriculture Year-book, 1924. 1 vol. 8vo. Washington, 1925.	Presented	21841-4 } Annual Reports for the years 1915-1922, 1924. 5 vols. 8vo. New York, 1916-23.	Presented	
21775	AMERICAN ETHNOLOGY, BUREAU OF. Annual Report, XXXIX, 1917-1918. 1 vol. 4to. Washington, 1925.	Presented	21845-7 } Bulletin. Vols. XLVI-XLVIII. 3 vols. 8vo. New York, 1922-25.		
21763	Bulletin, LXXVIII. 1 vol. 8vo. Washington, 1925.	Presented	21776	Handbook Series, No. 4. 1 vol. 8vo. New York, 1922.	Presented
21725	FISHERIES, U.S. BUREAU OF. Bulletin, Vol. XL, Part 1, 1924. 1 vol. 4to. Washington, 1925.	Presented	AMERICAN NATURALIST.		
21861	NATIONAL RESEARCH COUNCIL. Marine Structures: their deterioration and preservation. Report of the Committee on Marine Piling Investigations of the Division of Engineering and Industrial Research. By W. G. Atwood and A. A. Johnson. 1 vol. 8vo. Washington, 1924.	Presented	21832	Vol. LIX, 1925. 1 vol. 4to. New York, 1925.	Purchased
21726 } 21851 }	SMITHSONIAN INSTITUTION. Annual Report of the Board of Regents, showing the operations, expenditures, and condition of the Institution for the year ending June 30, 1923, and 1924. 2 vols. 8vo. Washington, 1925.	Presented	NEW YORK ZOOLOGICAL SOCIETY.		
21761-2	U.S. PUBLIC HEALTH SERVICE—HYGIENIC LABORATORY. Bulletins 37, 85, 114. Index-Catalogue [Subject] of Medical and Veterinary Zoology. By C. Wardell Stiles and Albert Hassall. In 2 vols. 8vo. Washington, 1908-20. (For author section, see Bulletin of the U.S. Bureau of Animal Industry, No. 39, 1902-1909.)	Presented	21767-8	Annual Reports. Vols. XXVIII-XXIX, 1923-24. 2 vols. 8vo. New York, 1924-25.	Presented
<i>California.</i>			21833-4	Zoologica. Vols. I-II. 2 vols. 8vo. New York, 1907-23.	Presented
21766 } 21764 }	CALIFORNIA STATE MINING BUREAU. Bulletins, Nos. 79 and 95. 2 vols. 8vo. Sacramento, 1925.	Presented	<i>North Carolina.</i>		
21848	LELAND STANFORD JUNIOR UNIVERSITY. The Genera of Fishes. By D. S. Jordan. Parts I-IV. In 1 vol. 4to. California, 1917-20.	Presented	NORTH CAROLINA GEOLOGICAL AND ECONOMIC SURVEY.		
21813-6	UNIVERSITY OF CALIFORNIA. Publications in Geology. Vols. XI-XIV. 4 vols. 4to. Berkeley, 1918-23.	Presented	21858-60	Bulletin. Vols. XXIX, XXXI, XXXIV. 3 vols. 8vo. Raleigh, 1925.	Presented
<i>Hawaiian Islands.</i>			<i>Ohio.</i>		
21817-9	BERNICE PAUAI BISHOP MUSEUM. Bulletin, Nos. 1-19. 3 vols. 4to. Honolulu, 1922-25.	Presented	21830	STATE UNIVERSITY. Ohio Journal of Science. Vols. XXIV-XXV. 1 vol. 4to. Columbus, 1923-24.	Presented
21838-40	Occasional Papers. Vols. III-VII. 3 vols. 8vo. Honolulu, 1907-22.	Presented	<i>Pennsylvania.</i>		
<i>Illinois.</i>			ACADEMY OF NATURAL SCIENCES OF PHILADELPHIA.		
21757-8	STATE ENTOMOLOGIST. Reports on the Noxious and Beneficial Insects of the State of Illinois. 18th, 1891-2, 23rd, 1905. [Reprinted in 1920.] 2 vols. 8vo. Springfield, 1920.	Presented	21855 } Proceedings for 1868, and Vols. LXVII-LXXVI. 7 vols. 4to. and 8vo. Philadelphia, 1868, 1915-24.	Presented	
21765-6	STATE NATURAL HISTORY SURVEY. Vol. III. The Fishes of Illinois, by S. A. Forbes and R. E. Richardson. Text and Plates. 2nd edition. 2 vols. 4to. Springfield, 1920.	Presented	21807-12		
21651-5	UNIVERSITY OF CHICAGO. Journal of Geology. Vols. XXVIII-XXXII. 5 vols. 4to. Chicago, 1920-24.	Presented	CARNEGIE INSTITUTE.		
<i>Massachusetts.</i>			21871	Annual Reports of the Officers, Committees, and Departments for the fiscal year ending 10 June, 1925. 1 vol. 8vo. Pittsburgh, 1925.	Presented
21831	MARINE BIOLOGICAL ASSOCIATION. Biological Bulletin. Vols. XXXIV-XXXV. In 1 vol. 4to. Lancaster, 1918.	Presented	CARNEGIE MUSEUM.		
<i>Michigan.</i>			21835-37	Annual Reports for the years 1909-1924. In 3 vols. 8vo. Pittsburgh, 1910-25.	Presented
21870	AGRICULTURE, STATE BOARD OF. 63rd Annual Report, 1923-24. 1 vol. 8vo. Lansing, 1925.	Presented	21781-8	Memoirs. Vols. III-X. 8 vols. 4to. Pittsburgh, 1906-25.	Presented
			JOURNAL OF MORPHOLOGY.		
			21727-54	Vols. I-XXVII. In 28 vols. 8vo. Boston and Philadelphia, 1887-1917.	Purchased
			<i>Philippine Islands.</i>		
			BUREAU OF SCIENCE.		
			21820-3	Philippine Journal of Science. Vols. XXV-XXVIII. 4 vols. 4to. Honolulu, 1924-26.	Presented
			<i>Wisconsin.</i>		
			MINERALOGICAL SOCIETY OF AMERICA.		
			21658-8	The American Mineralogist. Vols. I-IX. 3 vols. 8vo. Wisconsin, &c., 1916-24.	Presented by C. Anderson.
			WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY.		
			21852 } Bulletins, Nos. 57, 65-66. 3 vols. 8vo. Madison, 1924.	Presented	
			21773-4 }		
			<i>INTERNATIONAL EUROPE.</i>		
			21643-8	Bds. IX-XIX. 6 vols. 4to. Wien, 1914-24.	Purchased
			<i>Germany.</i>		
			ANTHROPOS.		
			21629-30	COLEOPTERORUM CATALOGUS. Pars. LIX-LXXI. 2 vols. 4to. Berlin, 1914-20.	Purchased
			DEUTSCHE MINERALOGISCHE GESELLSCHAFT.		
			21659-61	Fortschritte der Mineralogie, Kristallographie, und Petrographie. Bds. I-IX. In 3 vols. 4to. Jena, 1911-24.	Presented
			ZEITSCHRIFT FÜR KRISTALLOGRAPHIE.		
			21662-8	Bds. XLIX-LX. Autoren und Sachregister bis Bds. I-L. 7 vols. 8vo. Leipzig, 1911-24.	Purchased

APPENDIX F.
THE AUSTRALIAN MUSEUM.

STATEMENT of Receipts and Expenditure for the Year ended 30th June, 1926.

Receipts.	Endow- ment Account.	Public Account.	Totals.	Expenditure.	Endow- ment Account.	Public Account.	Totals.
To Balance, brought forward—	£ s. d.	£ s. d.	£ s. d.	By Salaries—	£ s. d.	£ s. d.	£ s. d.
Commercial Banking Co. ...	119 13 7			Director ...		949 4 6	
Advance Account ...	25 0 0			Secretary ...		704 8 10	
Petty Cash ...	10 0 0			Clerical Staff ...		1,033 10 4	
Treasury Appropriations—			154 13 7	Librarian and Assistant ...		657 15 4	
Salaries ...		15,577 11 7		Scientific Assistants, Cadets and			
Contingencies ...		2,531 0 0		General Assistants ...		4,967 6 11	
Treasurer's Advance ...		200 0 0		Preparators and Mechanics ...		2,654 12 8	
Statutory Endowment ...	1,000 0 0		18,308 11 7	Attendants ...		3,365 11 9	
Sales of Publications—			1,000 0 0	Temporary Assistant ...		45 10 11	
Magazine Sales and Subscriptions				Superannuation—			14,378 1 3
Other Publications, Records, &c.				Trustees' Contributions ...		1,199 10 4	
Magazine Advertisements ...	647 4 6		663 14 9	Contingencies—			1,199 10 4
Donations ...	158 1 2		168 0 0	Overtime and Sunday Pay ...		517 13 9	
Sales of old material ...	5 0 0		158 1 2	Building Repairs and Main-			
Sales of specimens ...	5 6 1			tenance ...		499 19 11	
Fish Exhibits—Labour, &c.	160 18 0		10 6 1	Insurance ...		268 6 5	
Refunds—			160 18 0	Book-binding ...		244 0 7	
Deutsches Museum, Blocks ...	9 5 3			Compensation Allowance ...		156 0 0	
Expenses—Collecting Tours ...	14 17 4			Pensions ...			1,751 0 8
Purchase of Publications ...	1 9 3			Treasurer's Advance			200 0 0
State Superannuation Board ...	4 10 7			Purchase of Specimens ...			17,528 12 3
Telephone Service ...	0 10 4			Statutory and Additional Endow-			
Interest—			30 12 9	ment—Stores and Supplies—			
City Council—Funds on deposit	8 5 0			Scientific Administration ...	54 11 0		
Commonwealth Peace Loan ...	20 0 0			Artificers ...	27 10 9		
Claim—Burns, Philip ...	4 9 6		28 5 0	Taxidermists ...	44 9 9		
Miscellaneous—			4 9 6	Articulators ...	13 14 6		
Discounts ...	1 8 4			Printer ...	25 14 6		
Exchange and Sundry ...	2 12 4			Working Expenses ...	176 4 0		342 4 6
Hire of Lecture Hall ...	1 0 0			University Fees—Cadets ...	58 11 0		
Petty Cash—Refund of advance ...	5 10 0		5 0 8	Photography and Slides ...	62 17 10		
			5 10 0	Collecting Specimens ...	107 7 7		
				Purchase of Specimens ...	75 2 8		
				Preservation of Specimens ...	63 17 8		
				Scientific equipment ...	88 9 8		
				Aboriginal Group—Supplies ...	10 16 1		
				Gallery Exhibits ...	46 0 0		513 2 6
				Freights, Cartages, Charges ...	103 12 8		
				Material, Fish Exhibits for Fiji			
				Government ...	53 14 3		157 6 11
				Lectures ...	112 14 2		
				Library Administration ...	21 7 4		
				Library—Purchase of Publications	239 15 3		373 16 9
				Magazine Publication and Distri-			
				tribution ...	767 17 1		
				Magazine Advertising ...	124 11 6		
				Records, Printing and Publishing...	168 16 5		1,061 5 0
				Office Furniture ...	4 19 9		
				Office Equipment ...	7 12 8		
				Loose Plant and Tools ...	24 8 9		37 1 2
				Treasury Refunds ...	4 11 7		4 11 7
				Office General Expenses ...	125 14 4		
				Telephones ...	56 9 7		
				Electric Light and Gas ...	199 2 8		
				Electric Installation, Repairs, &c...	8 12 11		
				Building Repairs, sundry ...	3 16 3		
				Stationery ...	62 15 5		
				Publicity ...	54 7 8		510 18 10
				Petty Cash—Refund ...	5 10 0		5 10 0
				Balance, Cash in Bank—			
				Commercial Banking Co. ...	128 13 7		
				Advance Account ...	25 0 0		
				Petty Cash ...	10 0 0		
							163 13 7
			£ 20,698 3 1				£ 20,698 3 1

Examined and found correct.

(Sgd.)

JAMES S. CAMPBELL,

Senior Inspector of Public Accounts,

4th August, 1926.

APPENDIX G.

THE AUSTRALIAN MUSEUM.

REVENUE ACCOUNT.

Period 1st July, 1925, to 30th June, 1926.

	Salaries and Overtime.	Superannuation.		Cadets' Training Fees.	Stores and Supplies.	Book- binding.	Purchases, Services and Expenses.	Debit Total.
		Employees' Contri- bution.	Trustees' Contri- bution.					
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Scientific Administration—								
Director	5,691 14 0	224 17 5	282 14 3	58 11 0	62 8 3	.....	1 7 3	6,441 8 5
Scientific Assistants ... ..	.....	.....	.....	.....	.....	.....	.....	.....
Cadets and General Assistants	119 16 3	.....	.....	.....	.....	.....	.....	.....
Overtime ... ..	.....	.....	.....	.....	.....	.....	.....	.....
Micro-slide cutting	5,811 10 3	224 17 5	282 15 3	58 11 0	62 8 3	.....	1 7 3	6,441 8 5
Articulators	31 3 1	.....	.....	.....	6 5 11	.....	.....	37 9 0
Taxidermists	598 19 7	34 15 6	44 10 6	.....	14 5 6	.....	.....	692 11 1
Collecting Specimens	925 19 4	43 19 8	50 1 0	.....	49 14 0	.....	.....	1,069 14 0
Preservation of Specimens ... ..	.....	.....	.....	.....	56 3 0	.....	.....	56 3 0
Freights and Charges on Specimens ... ..	.....	.....	.....	.....	86 7 8	.....	.....	86 7 8
Photography and Slides ... ..	.....	.....	.....	.....	103 6 7	.....	.....	103 6 7
	7,367 12 3	303 12 7	377 5 9	58 11 0	444 4 9	.....	1 7 3	8,552 13 7
Office Administration—								
Secretary and Office Staff	1,649 13 4	88 5 10	109 10 6	.....	.....	.....	.....	1,847 9 8
Publicity ... ..	.....	.....	.....	.....	.....	.....	112 8 7	112 8 7
General Expenses ... ..	.....	.....	.....	.....	.....	.....	128 17 0	128 17 0
Stationery ... ..	.....	.....	.....	.....	.....	.....	122 0 11	122 0 11
Telephones ... ..	.....	.....	.....	.....	.....	.....	49 3 10	49 3 10
Insurances ... ..	.....	.....	.....	.....	.....	.....	268 6 5	268 6 5
Electric Light and Gas ... ..	.....	.....	.....	.....	.....	.....	178 18 11	178 18 11
Building Maintenance and Repairs ... ..	.....	.....	.....	.....	.....	.....	176 19 6	176 19 6
Electric Fittings and Repairs ... ..	.....	.....	.....	.....	.....	.....	41 9 4	41 9 4
Working Expenses ... ..	.....	.....	.....	.....	.....	.....	209 3 9	209 3 9
Library Administration	631 15 4	26 0 0	34 0 4	.....	.....	261 9 11	15 3 4	968 8 11
General Administration—								
Artificers	644 17 4	20 0 10	51 4 10	.....	.....	.....	.....	826 5 5
Printing Office	306 6 8	48 10 8	156 0 0	.....	.....	.....	110 2 5	536 11 10
Attendants	3,548 14 0	161 5 3	466 18 4	.....	.....	.....	25 14 6	4,176 17 7
	14,148 18 11	647 15 2	1,194 19 9	58 11 0	444 4 9	261 9 11	1,439 15 9	18,195 15 3
Pensions ... ..	.....	.....	.....	.....	.....	.....	156 0 0	156 0 0
Compassionate Allowance ... ..	.....	.....	.....	.....	.....	.....	65 0 0	65 0 0
Lectures—Overtime	53 10 0	.....	.....	.....	.....	.....	.....	.....
„ Fees ... ..	.....	.....	.....	.....	.....	.....	67 4 0	170 17 8
„ Expenses ... ..	.....	.....	.....	.....	.....	.....	50 3 8	.....
Forward	14,202 8 11	647 15 2	1,194 19 9	58 11 0	444 4 9	261 9 11	1,778 3 5	18,587 12 11

MAGAZINE ACCOUNT.

Dr.	£ s. d.		Cr.	£ s. d.
To Stocks	247 1 1	By Sales and Advertisements	723 11 11	
Printing, Publishing, Distribution, &c.	816 6 1	Exchanges, &c.	73 15 1	
		Stocks	193 1 11	
			990 8 11	
		Balance	72 18 3	
			£1,063 7 2	
Forward	£18,587 12 11			
To Balance—Magazine Account	72 18 3			
“Records”—				
Publishing, &c.	168 16 5	Interest on Investments	25 7 4	
Less—Revenue from Sales of Publications	23 0 5	Supervision—Fish Exhibits, Fiji Government	15 15 0	
	145 16 0	Labour—Fish Exhibits, Fiji Government	77 16 2	
Depreciation of Furniture, Fixtures, Plant, &c.	745 12 6	Labour—Gallery Exhibits	58 6 2	
		Donations, &c., re Lectures	5 14 6	
			157 11 10	
		Claim and Sale of Specimens	7 12 0	
			190 11 2	
		Stock on Hand	584 8 6	
			774 19 8	
		Balance—To Trustees' Capital Account	18,777 0 0	
	£19,551 19 8		£19,551 19 8	