

1911.

(SECOND SESSION.)

LEGISLATIVE ASSEMBLY.

NEW SOUTH WALES.

AUSTRALIAN MUSEUM.

(REPORT OF THE TRUSTEES FOR THE YEAR ENDED 30TH JUNE, 1911.)

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

Printed under No. 2 Report from Printing Committee, 28 September, 1911.

To HIS EXCELLENCE THE GOVERNOR,—

The Trustees of the Australian Museum have the honor to submit to your Excellency their Fifty-seventh Report, being for the year ended 30th June, 1911.

1. TRUSTEES.

There has been one change among the the Trustees during the year. Mr. Hugh Pollock resigned his seat owing to illness. Colonel The Hon. James Burns, M.L.C., was elected to fill the vacancy. Professor W. A. Haswell, Professor T. W. E. David, and Mr. E. A. Rennie were granted leave of absence for portions of the year. A list of the Trustees, with records of their attendance during the year 1910, will be found in Appendix II.

2. STAFF.

No changes among the superior officers have occurred, but among the Attendants a few changes have taken place. A list of the Staff as at 30th June, 1911, will be found in Appendix VIII.

3. VISITORS.

The Museum continued open throughout the year during the usual hours, viz., on week-days (Mondays excepted) 10 a.m. to 5 p.m., and on Sundays from 2 to 5 p.m. The number of visitors recorded on week-days was 102,148, averaging 380, and on Sundays 43,874, averaging 844 per day, making a total of 146,022. On Mondays, except when a public holiday falls on that day, the Museum is closed for cleaning; but in the afternoon students and pupils of public and private schools, with their teachers, are admitted, and are given facilities for study and tuition. Teachers frequently bring their classes on ordinary visiting days also for instruction. Details of the monthly returns for attendance will be found in Appendix III.

4. LECTURES.

The inception of the lectures took place at a Trustees Meeting, held on 4th April, 1905, when a Committee was appointed "to consider the advisability of instituting lectures on subjects connected with studies carried on in the Australian Museum." The Report of this Committee was read on 2nd May, 1905, when it was agreed to authorise "Gallery Lecturettes on Monday afternoons." The lecture day was subsequently altered to Saturday forenoons.

The inconvenience of delivering the lecturettes in any room or space in the Museum available at the moment, so forcibly impressed the Trustees that, on 5th March, 1907, they recommended the erection of a Lecture Hall as a portion of the completion of the south wing, which was carried out by the Government Architect, handed over to the Trustees, and the first lecture therein delivered on 11th December, 1909.

On the 3rd April, 1910, the Lecture Hall (and south wing generally) was formally opened by His Excellency the Governor (Lord Chelmsford).

The number of lectures given between 1905-10 was fifty-nine, by nine lecturers, on thirty-six different subjects. The largest attendance was eighty-five, and the smallest two (on three occasions). Two special lectures were delivered by request, when the attendance was 271 and fifty respectively.

The Board of Trustees desire to extend the scope of the lectures delivered under their auspices. Hitherto the audience had been confined to school-teachers. It was therefore decided that:—

1. The lectures be now and in future addressed to the general public.
2. The topics chosen to relate to the Fauna, Geology, Ethnology, and Zoological Geography of Australia and Polynesia; illustrated by Museum specimens and lantern slides.
3. The time be changed from Saturday forenoons to Thursday evenings.

This change appears to be appreciated, as much larger audiences take advantage of them than formerly. A syllabus of the lectures delivered during the year with those in preparation will be found in Appendix VII.

5. ACQUISITIONS.

The collections in the Museum continue to be maintained in good order, and are constantly being added to by means of donations, purchases, and exchanges with other Museums, though an efficient collecting staff is still an urgent desideratum, funds being insufficient to provide one.

Amongst the most noticeable additions during the past year are:—

- A pair of buffaloes from the Northern Territory, which will be mounted and exhibited later on.
- A replica of Diprotodon Australis, the original of which is in the South Australian Museum. This has been placed in a case in the "Osteological Room."
- Decapoda and other Crustacea from the Indian Museum.
- Polyzoa from the British Museum.
- Boomerangs from the Service des Antiquités, Egypt, and the Government Museum, Madras, to compare with those of the Australian Aborigines.

6. BUILDINGS.

During the year under review, the walls of the Exhibition Rooms were cleaned and re-decorated by the Government Architect. The whale skeleton at the entrance was suspended from the roof, and the unsightly sub-structure of ironwork done away with. The pillars existing between the floors and ceiling in the Lower and Upper Main Halls were removed, thereby vastly improving the general appearance of the room in question. In Appendix IX are photographs of these rooms taken before and after the alteration.

These renovations and alterations necessitated the demolition and modified re-erection of some of the wall cases devoted to the Mammalia and Birds.

The transfer of the Osteological Collection to the new room reserved for it has been completed, and five whale skeletons have been slung from the ceiling.

The greatest advance in work, however, took place in the two upper rooms of the South Wing devoted to Ethnology. At the close of 1909, the Australian collection had been practically arranged, and only the labelling remained to be accomplished; this has steadily progressed throughout. The same period saw the completion of the wall cases in the recess off the Australian Room (and above the Lecture Room). These cases have been filled with foreign Ethnological objects—European, American, Asiatic, and African. In this same recess are the table cases devoted to the Cook Collection.

The furthest, or eastern, room, opening from the Australian Room, had been partially wall-cased for some years. The construction of these cases, destined to contain the New Guinea specimens, have been completed. Concurrent with the casing was taken in hand the selection of specimens to fill them, and these have now been arranged and partially labelled.

The further funds requested for continuing this work in the fourth and remaining room were not granted by the Cabinet, but preparatory work has been gone on with, so that as soon as funds are available cases can be erected, specimens arranged, and the fourth room quickly completed and opened to the public.

The roofs of the older portion of the Museum facing William and College streets have been causing much anxiety, several serious leaks having lately developed. The Government Architect has made temporary repairs, but eventually it will be necessary to renew the entire roofs of this part of the building. The matter is at present under consideration, and preliminary estimates of cost have been prepared.

It is also in contemplation to fix wire-netting under certain glass roofs as a precaution against accident and possible injury to specimens, cases, or persons below. Both these matters are most urgent.

Plans have also been prepared for a further extension of the Museum buildings. The proposal is to continue the main building on the William-street frontage, to provide enlarged and much-needed accommodation for the library, scientific work-rooms, offices, and Board-room. The space at present occupied by these would then be converted and used for exhibition of specimens, and thrown open to the public, giving a welcome addition for extension of the Mineral and Invertebrate collections in general.

7. LIBRARY.

The additions to the Library during the year 1910 amounted to 403 volumes, irrespective of unbound pamphlets.

The printing of the Library catalogue has still been practically in abeyance during the year, the printer having been fully occupied in printing labels required in connection with the rearrangement of the collections, but the MS. card catalogue for use in the Museum is being continued, and nearly 2,500 cards and slips have been added to it. There has also been made a complete author and subject card catalogue of the publications of the Australian Museum.

A list of the additions to the Library will be found in Appendix VI.

8. PUBLICATIONS.

The Museum publications issued since last Report and now in preparation are:—

"Records of the Australian Museum," Vol. VIII, Parts 1 and 2.

"Australian Museum Memoirs," Vol. IV ("Thetis" Expedition). Part 13, Aleyonaria, by Prof. J. A. Thomson and Miss D. J. Mackinnon. Part 14, Supplement to Echinodermata, by H. L. Coleman.

Special Catalogue No. 1, "Nests and Eggs of Birds," by Mr. A. J. North, Vol. III, Part 1.

A list of Museum publications is given in Appendix V.

9. FISHERY INVESTIGATIONS.

The arrangements made with the Commonwealth Department of Trade and Customs have been continued, and Members of the Museum Staff have had opportunities of accompanying the Commonwealth Fishery steamer "Endeavour" at various times to mutual advantage. A further distribution of specimens collected has been made as follows:—National Museum, Melbourne, 55; South Australian Museum, 43; Western Australian Museum, 44; Queensland Museum, 41; Tasmanian Museum, 40. There still remains a number of specimens to be distributed.

10. APPENDICES.

The following Appendices are attached to this Report, viz.:—

- I. Statement of Receipts and Expenditure.
- II. Attendance of Trustees.
- III. Attendance of Visitors and comparison with previous years.
- IV. Return of specimens acquired.
- V. Publications of the Australian Museum.
- VI. Addition to the Library.
- VII. Syllabus of Lectures.
- VIII. List of the Museum Staff.
- IX. Views of Galleries before and after removal of the pillars.

The Common Seal of the Museum was hereunto fixed, by order of the Board, this eighth day of September, 1911.

(L.S.)

JAMES C. COX, M.D.,

President.

S. SINCLAIR,

Secretary.

APPENDIX I.

STATEMENT OF RECEIPTS AND EXPENDITURE FOR THE YEAR 1910-1911.

	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Balance from last year	476 10 1	476 10 1	Salaries—	£ s. d.
Colonial Treasurer—			Curator	750 0 0
Statutory endowment	1,000 0 0		Assistant Curator	400 0 0
Parliamentary appropriation	8,210 0 0		Secretary	400 0 0
Public Works Fund for Exhibition Cases	700 0 0	9,910 0 0	Scientific Staff	1,412 10 0
Sale of Publications—			Office Staff	468 10 0
Nest and Egg Catalogue	17 18 8		Cadets	361 1 8
Museum Records and other Books	9 5 7	27 4 3	Mechanics	1,162 10 0
Interest from Savings Bank		6 4 10	Attendants	1,381 0 0
Miscellaneous—			Police—Night watching	171 19 6
Fines and sundries	2 12 5		Refund of Unexpended Balances	6,507 11 2
Repayment for goods returned to makers	20 12 4			162 8 10
Suspense Account—Repayments		23 4 9	Contingencies—	
		39 11 6	Expense of opening the Museum on Sundays and Holidays	287 16 0
			Sundries	2 4 0
			Exhibition Cases in New Building	290 0 0
			Maintenance—	700 0 0
			Purchase of specimens	166 18 4
			Books, Periodicals, and binding	547 15 3
			Exhibition cases	123 4 1
			Catalogues, publications, and printing	443 5 4
			Preservation of specimens, Insurance and Miscellaneous	172 6 2
				1,453 9 2
			Working Expenses—	
			Stores, stationery, tools, uniforms, &c.	300 0 8
			Furniture, repairs, telephone, &c.	140 15 6
			Sundries, Lectures, &c.	135 8 11
				576 5 1
			Nest and Egg Catalogue—towards cost of publication	408 7 1
			Sales of publications — repaid to Treasury	7 1 0
			Exhibition Account—purchase of books	32 15 3
			Suspense Account—payments	65 10 6
				10,203 8 1
			Balance	279 7 4
		£ 10,482 15 5		£ 10,482 15 5

Examined and found correct.

F. A. BAYLIS,

Inspector of Public Accounts.

17th Aug., 1911.

APPENDIX II.

APPENDIX II.

ATTENDANCE OF THE TRUSTEES DURING 1910.

Crown Trustee:

J. C. Cox, Esq., M.D., F.L.S., C.M.Z.S ...	18
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Official Trustees:

His Honor the Chief Justice ...	0
The Honorable the Colonial Secretary ...	0
The Honorable the Attorney-General ...	0
The Honorable the Colonial Treasurer ...	0
The Auditor-General (Mr. J. Vernon) ...	17
The President of the Medical Board (Sir P. S. Jones) ...	9

Elective Trustees:

H. H. B. Bradley, Esq. ...	9
Surg.-Gen. W. D. Campbell Williams, C.B., L.R.C.P., London, &c. ...	3
Prof. W. A. Haswell, M.A., D.Sc., F.R.S. (a) ...	0
Prof. T. W. Edgeworth David, B.A., F.G.S., F.R.S. (a) ...	5
Prof. J. T. Wilson, M.B., Ch.M. ...	6
T. Storie Dixson, Esq., M.B., Ch.M. ...	19
W. H. Hargraves, Esq. ...	16
E. A. Rennie, Esq., J.P. ...	10
Hugh Pollock, Esq., B.A., LL.B. (a, b) ...	0
Reuter E. Roth, Esq., D.S.O., M.R.C.S. ...	12
Eric Sinclair, Esq., M.D. ...	9
W. L. Vernon, Esq. ...	12

Number of Meetings during the year—11 Ordinary, 3 Special, 11 Committee.

(a) Had leave of absence granted. (b) Resigned.

APPENDIX III.

ATTENDANCE OF VISITORS.

I.—SUMMARY OF PREVIOUS YEARS.

	Week-days.	Sundays.	Total.
1860	11,300	...	11,300
1861–1870, average	67,145	...	67,145
1871–1880	91,500	35,123*	102,046
1881–1890	84,764	43,360	128,124
1891–1900	87,788	33,338	121,126
1901	123,326	43,350	166,676
1902	106,704	40,586	147,290
1903	118,372	38,202	156,574
1904	108,703	29,685	138,388
1905	106,016	29,402	135,418
1906	114,407	32,182	146,589
1907	140,584	33,178	173,762
1908	174,336	45,438	219,774
1909	162,066	52,002	214,068

* For 1878–79–80 only.

II.—DURING THE YEAR 1910.

Month.	Week-days.			Mondays (Students).			Sundays.			Total.		
	No. of days.	Visitors.	Average.	No. of days.	Visitors.	Average.	No. of days.	Visitors.	Average.	No. of days.	Visitors.	Average.
January	22	9,793	445	4	...	...	5	3,265	653	31	13,058	421
February	20	6,241	312	4	...	...	4	2,303	576	28	8,544	305
March	24	11,101	483	3	7	2	4	3,001	750	31	14,109	455
April	22	10,384	472	4	195	49	4	3,497	874	30	14,076	469
May	21	6,203	300	5	...	...	5	4,492	898	31	10,695	345
June	24	8,652	360	2	...	...	4	3,463	866	30	12,115	404
July	22	6,139	279	4	18	4	5	5,282	1,056	31	11,439	369
August	23	6,514	283	4	...	...	4	4,659	1,165	31	11,173	360
September	22	8,238	374	4	...	...	4	3,517	879	30	11,755	391
October	22	9,733	442	4	...	...	5	3,803	760	31	13,536	436
November	22	6,588	299	4	...	...	4	3,198	799	30	9,786	326
December	24	12,342	514	3	...	...	4	3,394	848	31	15,736	507
Total	268	101,928	380	45	220	5	52	43,874	844	365	146,022	490

APPENDIX IV.

RETURN OF SPECIMENS ACQUIRED DURING 1910.

Regis- tration mark.	Department.	No. of Specimens.				Total.
		Donation.	Exchange.	Purchase.	Collection.	
M.	Vertebrata— Mammalia	77	1	4	.....	82
O.	Aves	95	.....	26	85	206
R.	Reptilia	352	60	.....	63	475
I.	Pisces	858	175	5	53	1,091
S.	Skeletons	35	.....	.....	.....	35
C.	Invertebrata— Mollusca	1,570	188	84	.....	1,842
K.	Insecta and Arachnida	1,844	842	98	1,858	4,642
P.	Crustacea	86	.....	.....	90	176
J.	Echinodermata	317	30	1	55	403
U.	Polyzoa	28	.....	46	70	144
W.	Vermes	239	.....	.....	231	479
Y.	Hydroids	2	.....	.....	.....	2
Z.	Sponges and Foraminifera	253	2	11	95	361
G.	Other Invertebrata	236	6	.....	104	346
F.	Fossils	113	.....	.....	.....	113
D.	Minerals	59	67	53	.....	179
E.	Ethnological, &c.— Ethnological	231	32	586	14	863
H.	Historical	.....	.....	.....	.....	.....
N.	Numismatical	47	.....	8	.....	55
A. M.	Miscellaneous— Micro Sections	1	.....	16	.....	17
L.	Casts	.....	.....	1	5	6
T.	Moulds	.....	.....	.....	5	5
V.	Photo-negatives	6	.....	126	58	190
V. V.	Lantern Slides	.....	.....	154	2	156
B.	Photographs	47	.....	90	.....	137
	Total	6,496	1,403	1,309	2,788	11,996

APPENDIX V.

PUBLICATIONS OF THE AUSTRALIAN MUSEUM.

I.—CATALOGUES.

1. Catalogue of the Specimens of Natural History and Miscellaneous Curiosities in the Australian Museum, by G. Bennett. 1837.
 2. Catalogue of Mammalia in the Collection of the Australian Museum, by G. Krefft. 1864.
 3. Catalogue of the Minerals and Rocks in the Collection of the Australian Museum, by G. Krefft. 1873.
 4. Catalogue of the Australian Birds in the Australian Museum, by E. P. Ramsay. Part I. Accipitres. 1876, Part II. Strigæ. 1891. (Second edition, revised by A. J. North, 1898.) Part III. Psittaci. 1891. Part IV. Haliçones. 1894.
 5. Catalogue of the Australian Stalk and Sessil-eyed Crustacea, by W. A. Haswell. 1882.
 6. Catalogue of the Library of the Australian Museum. 1883. With two supplements.
 7. Catalogue of a Collection of Fossils in the Australian Museum. With Introductory Notes, by F. Ratte. 1883.
 8. Catalogue of the Australian Hydroid Zoophytes, by W. M. Bale. 1884.
 9. Descriptive Catalogue of the General Collection of Minerals in the Australian Museum, by F. Ratte. 1885.
 10. Catalogue of Echinodermata in the Australian Museum, by E. P. Ramsay. Part I. Echini. 1885. Second edition. 1890.
 11. Descriptive Catalogue of the Medusæ of the Australian Seas. Part I. Scyphomedusæ. Part II. Hydromedusæ, by R. von Lendenfeld. 1887.
 12. Descriptive Catalogue of the Nests and Eggs of Birds found breeding in Australia and Tasmania, by A. J. North. 1889.
 13. Descriptive Catalogue of the Sponges of the Australian Museum, by R. von Lendenfeld. 1888.
 14. Catalogue of the Fishes in the Australian Museum. Part I. Palæoichthyan Fishes, by J. Douglas Ogilby. 1888.
 15. Catalogue of the Marine Shells of Australia and Tasmania, by J. Brazier. Part I. Cephalopoda. 1892. Part II. Pteropoda. 1892. Part III. Gasteropoda (Murex). 1893.
 16. Catalogue of Australian Mammals, with Introductory Notes on General Mammalogy, by J. Douglas Ogilby. 1892.
 17. Descriptive Catalogue of the Tunicata in the Australian Museum, by W. A. Herdman. 1899.

SPECIAL CATALOGUES.

1. Nests and Eggs of Birds found Breeding in Australia and Tasmania, by A. J. North. Vol. I. 4to. 1901-1904. Vol. II. 1906-1909. (Vol. III in preparation.)

II.—MONOGRAPHS.

1. Australian Lepidoptera and their Transformations, by the late A. W. Scott, with Illustrations by his daughters, Mrs. Morgan and Mrs. Forde. Edited and revised by Mrs. Forde and A. S. Olliff. Vol. II.

III.—MEMOIRS.

1. History and Description of the Skeleton of a new Sperm Whale in the Australian Museum, by W. S. Wall. 1851.
 2. Lord Howe Island: Its Zoology and Physical Characters. 1889.
 3. The Atoll of Funafuti, Ellice Group: Its Zoology, Botany, and General Structure, based on Collections made by Mr. C. Hedley. 1896-1900.
 4. Scientific Results of the Trawling Expedition of H.M.C.S. "Thetis," off the coast of New South Wales, in February and March, 1898 (in course of publication).

IV.—GUIDES.

1. Guide to the Australian Fossil Remains in the Australian Museum. 1870.
 2. Guide to the Contents of the Australian Museum. 1883.
 3. Guide to the Contents of the Australian Museum. 1890.

V.—MISCELLANEOUS PUBLICATIONS.

1. List of old Documents and Relics in the Australian Museum. 1884. Reprinted with additions, 1890.
2. Descriptive List of Aboriginal Weapons, Implements, &c., from the Darling and Lachlan Rivers, by K. H. Bennett, F.L.S. 1887.
3. Notes for Collectors. 1887.
4. Hints for the Collectors of Geological and Mineralogical Specimens, by F. Ratte.
5. Hints for the Preservation of Specimens of Natural History, by E. P. Ramsay. 1891. 4th edition.
6. List of Duplicate Books and Pamphlets, available for exchange, in the Library of the Australian Museum. Prepared by S. Sinclair, Secretary and Librarian. 1900.

VI.—RECORDS.

The Records contain descriptions of specimens, accounts of expeditions, and other results of the scientific work of the Museum Staff.

Vol. I.—1890-91. Vol. II.—1892-96. Vol. III.—1897-1900. Vol. IV.—1901-1903.
Vol. V.—1903-1906. Vol. VI.—1906-1908. Vol. VII.—1908-1910. Vol. VIII (in course of publication).

APPENDIX VI.

ADDITIONS TO THE LIBRARY.

Reg. No.	Books.	How acquired.	Reg. No.	Books.	How acquired.
NEW BOOKS.					
16133	BOYCE (Rupert W.). Mosquito or Man? The Conquest of the Tropical World. Second edition. 1 vol. 8vo. London, 1910. Purchased		16049	DICTIONARY. Webster's New International Dictionary of the English Language. (Australasian edition.)	1 vol. 4to. Springfield, 1910. Purchased
16141	BROCKMAN (R. E. Drake). The Mammals of Somaliland. 1 vol. 8vo. London, 1910. Purchased		16067	DOFLEIN (F.). Lehrbuch der Protozoenkunde. Eine Darstellung der Naturgeschichte der Protozoen mit besonderer Berücksichtigung der Parasitischen und Pathogenen Formen. II. Auflage der "Protozoen als Parasiten und Krankheitserreger."	1 vol. 8vo. Jena, 1909. Purchased
16212	BROUSSONET (Pierre Marie Auguste). Ichthyologia sistens Piscium descriptiones et icones. 1 vol. 4to. Londini, 1782. Purchased		15980	FOLIN (L. de). Monographie des Famille des Coecidae. 1 vol. 8vo. Bayonne, 1875. Presented by Jas. C. Cox, Esq., M.D., President	
16352	BROWN (George). Melanesians and Polynesians. 1 vol. 8vo. London, 1910. Purchased		16040	FRITSCH (Anton). Miscellanea Palaeontologica. II. Mesozoica. Mit Unterstützung des Barrande-Fondes.	1 vol. 4to. Prag, 1910. Purchased
16077	BUCKLAND (William). Reliquiae Diluviana: or, observations of the organic remains contained in caves, fissures, and diluvial gravel, and on other geological phenomena, attesting the action of an universal deluge. Second edition. 1 vol. 8vo. London, 1834. Purchased		16115	GIGLIO-TOS (Ermanno). Les Problèmes de la Vie. Essai d'une interprétation scientifique des phénomènes vitaux. IV Partie. La variation et l'origine des espèces.	1 vol. 8vo. Cagliari, 1910.
16055	BUDGE (E. A. Wallis). A History of Egypt. I. Neolithic and Archaic Periods. 1904.		15992	GOLDSCHMIDT (Victor). Index der Krystallformen der Mineralien. Bd. I.	
16056	II. Under the Great Pyramid Rulers. 1902.		15993	II.	
16057	III. Under the Amenemhats and Hyksos. 1902.		15994	III.	
16058	IV. Egypt and her Asiatic Empire. 1902.			3 vols. 8vo. Berlin, 1886, 1890-1891. Purchased	
16059	V. Egypt under Rameses the Great. 1902.		16108	GREENWOOD (Thomas). Museums and Art Galleries. 1 vol. 8vo. London, 1888. Purchased	
16060	VI. Egypt under the Priest Kings and Tanites and Nubians. 1902.		16140	GRENFELL (William T.) and others. Labrador, the Country and People.	1 vol. 8vo. New York, 1910. Purchased
16061	VII. Egypt under the Saïtes, Persians, and Ptolemies. 1902.		16348	GROTH (P.). Chemische Krystallographie. Teil iii. 1 vol. 8vo. Leipzig, 1910. Purchased	
16062	VIII. Egypt under the Ptolemies and Cleopatra. 1902.		16358	HAMANN (Otto). Beiträge zur Histologie der Echinodermen. 1 vol. 8vo. Jená, 1889. Purchased	
	8 vols. 8vo. London, 1902 and 1904. Purchased		16033	HESS (Wilhelm). Beiträge zur Kenntniss der Decapoden-Krebse Ost-Australiens.	1 vol. 8vo. Bonn, 1865. Purchased
16235	CASSELL AND COMPANY. The Nature Book, vol. i.		16085	HOCKEN (T. M.). A Bibliography of the Literature relating to New Zealand.	
16236	ii.			1 vol. 8vo. Wellington, 1909. Purchased	
16237	iii.		16118	HORE (J. P.) and Edward Jex. The Deterioration of Oyster and Trawl Fisheries of England: its Cause and Remedy.	1 vol. 8vo. London, 1880. Purchased
	3 vols. 8vo. London, 1908-1909. Purchased		15988	JANET (Charles). Anatomie du Corselet et Histologie des Muscles vibrateurs, après le vol nuptial, chez la reine de la Fourme. (<i>Lasiurus niger</i>).	1 vol. 8vo. Limoges, 1907. Presented
16114	COLLINS (F. Howard). Authors' and Printers' Dictionary. A guide for authors, editors, printers, correctors of the press, compositors, and typists, with full list of abbreviations. An attempt to codify the best typographical practices of the present day. 10th thousand. 1 vol. 8vo. London, etc., 1909. Purchased		16221	JESSOP (Wm. R. H.). Flindersland and Sturtland: or, the Inside and Outside of Australia. In two volumes. Vol. i. Flindersland.	
16231	COOK (Captain James). Papers relating to. 1 vol. Fol. Presented		16222	II. Sturtland.	
16031	COSSMANN (Alexandre E. M.). Essais de Paléoconchologie comparée. Livr. VIII.			2 vols. 8vo. London, 1862. Purchased	
	1 vol. 8vo. Paris, 1910. Purchased		15981	JOHNSTON (Robert M.) and P. S. Seager. Fish and Fisheries of Tasmania. Collected Papers.	1 vol. 8vo. Hobart, 1882, 1888, and 1890. Presented
16087	COWAN (James). The Maoris of New Zealand. 1 vol. 8vo. Christchurch, etc., 1910. Purchased				
16052	DANA (Edward S.) and William E. Ford. Second Appendix to the Sixth Edition of Dana's System of Mineralogy, completing the work to 1909.				
	1 vol. 8vo. New York & London, 1909. Purchased				
16120	DESOR (Pierre Jean E.). Index to Desor's Synopsis des Echinides Fossiles. By F. A. Bather.				
	1 vol. 8vo. Wimbledon (Eng.), 1910. Purchased				
16023	DICKERSON (Mary C.). The Frog Book: North American Toads and Frogs, with a study of the habits and life histories of those of the north-eastern States . . . with over three hundred photographs from life by the author.				
	1 vol. 8vo. New York, 1907. Purchased				

Reg. No.	Books.	How acquired.	Reg. No.	Books.	How acquired.
16229	JONES (F. Wood.). Corals and Atolls. 1 vol. 8vo. London, 1910. Purchased KENNGOTT (A.). Handwörterbuch der Mineralogie, Geologie und Palaeontologie. Bd. I. II. III.		16152	PEARLS AND OYSTERS, Queensland. Pearl and Pearl-shell Fisheries of Northern Queensland; by W. Saville-Kent. 1890. Oyster and Oyster Fisheries of Queensland; by W. Saville-Kent. 1891. Béche-de-mer and Pearl-shell Fisheries of Northern Queensland; by W. Saville-Kent. 1890. Torres Straits Pearl-shell Fisheries; by W. Saville-Kent. 1905. 1 vol. 4to. Brisbane, 1890, 1891, 1905. Presented	
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16195	PERTHSHIRE SOCIETY OF NATURAL SCIENCE. Proceedings, Vol. iv, 1904 to 1908. 1 vol. 8vo. Perth, 1908. Presented			<i>AFRICA.</i>	
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16325	GEOLOGICAL SURVEY DEPARTMENT. Summary Report for the Calendar years 1906, 1907, 1908, and 1909. 1 vol. 8vo. Ottawa, 1906-1910. Presented			<i>Natal.</i>	
16326	DEPARTMENT OF MINES, GEOLOGICAL SURVEY. Catalogue of Canadian Birds, by John Macoun and James M. Macoun. 1 vol. 8vo. Ottawa, 1909. Presented		16346	ARCHÆOLOGICAL SURVEY OF NUBIA. Report for 1907-1908. Volume II. Report on the Human Remains. By G. Elliott-Smith and F. Wood Jones. 16347 Plates accompanying Volume II. 2 vols. Lar. 4to. Cairo, 1910. Presented	

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	UNITED STATES OF AMERICA. <i>District of Columbia.</i>		
16977	AGRICULTURE, DEPARTMENT OF. Year-book. 1903. 1 vol. 8vo. Washington, 1909. Presented	16308	Proceedings. Thirty-eighth Meeting, held at Toronto, Ontario, August, 1889. Thirty-ninth Meeting, held at Indianapolis, Indiana, August, 1890. 1890-1891.
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16290	—Fourth Meeting, held at New Haven, Conn., Aug., 1850. Fifth Meeting, held at Cincinnati, Ohio, May, 1851. 1851.	16310	—Forty-second Meeting, held at Madison, Wisconsin, August, 1893. Forty-third Meeting, held at Brooklyn, N.Y., August, 1894. 1894-1895.
16291	—Sixth Meeting, held at Albany (N.Y.), Aug., 1851. Seventh Meeting, held at Cleveland, Ohio, July, 1853. 1852-56.	16311	—Forty-fourth Meeting, held at Springfield, Mass., August-September, 1895. 1895. 4 vols. 8vo. Salem, 1890-1896. Presented
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<i>Minnesota.</i>					
	GEOLOGICAL AND NATURAL HISTORY SURVEY.		16324	CINCINNATI Quarterly Journal of Science. Vol. i, Nos. 1-4. 1874.	Ohio.
16313	2nd Annual Report, 1873. (1893.)			1 vol. Svo. Cincinnati, 1874. Purchased	Pennsylvania.
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	Bulletin No. II. Preliminary Description of the Peridetytes Gabbros, Diabases and Andesites of Minnesota. By M. E. Wadsworth. 1887.		16266	Do 1864. No. 1, 3.	
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	Bulletin No. IV. Synopsis of the Aphididae of Minnesota. By O. W. Oestlund. 1887.		15976	GOVERNMENT LABORATORIES, Bureau of P.I. Bulletin No. II.	<i>Philippine Islands.</i>
	Bulletin No. V. Natural Gas in Minnesota. By N. H. Winchell. 1889. 1 vol. Svo. St. Paul, 1887-1889. Purchased		15983	— Biological Laboratory. The Plague; Bacteriology, Morbid Anatomy, and Histopathology; including a consideration of insects as plague carriers, by Maximilian Herzog. 1 vol. Svo. Manila, 1904. Presented	
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16321	Bulletin No. VII. The Mammals of Minnesota. A Scientific and Popular Account of Their Features and Habits. By C. L. Herrick.			INTERNATIONAL.	
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16286	Vol. II. A Report of the Iron Ores of Missouri from Field-work prosecuted during the years 1891 and 1892. By Frank L. Nason.		16038	Seventh Annual Issue. O. Anatomy. 1 vol. Svo. London, 1909. Purchased	
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	FRANCE.				
	MUSEUM D'HISTOIRE NATURELLE, PARIS.				
16027	Nouvelles Archives, ser. 3, tome viii, 1896.		P 6 (32)	PARONA (Corrado). Les Liguliphages ou soi-distant mangeurs des ligules. (<i>Bulletin populaire de la Pisciculture</i> (n.s.) N. 4, 1908.)	Presented
16028	Do 4, III, 1901.		P 6 (33)	OGILBY (J. Douglas). New or little known Fishes in the Queensland Museum. Revision of the Batrachoididae of Queensland. (Queensland Museum, Annals, No. 9.)	Presented
16029	Do 4, VIII, 1906.		P 6 (34)	COX (James C.). List of Fishes. Svo. Sydney, 1909.	Presented
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15998	X-XI. 1888-1889.			10. Arachnida.	
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16001	XVI-XVII. 1894-1895. 7 vols. Svo. Berlin, 1879-1895.			11. Crustacea.	
16092	GEGENBAURS Morphologisches Jahrbuch. Eine Zeitschrift für Anatomie und Entwick- lungsgeschichte. Herausgegeben von Georg Ruge. Bd. XXXIX. 1 vol. Svo. Leipzig, 1909. Purchased		P 11 (32)	CHILTON (Charles). Amphipoda.	Presented
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	Monographie XXIV. Seesterne von Hubert Ludwig, 1897. 3 vols. 4to. Berlin, 1890-1897. Purchased			12. Vermes, &c.	
15971	ITALY.		P 12 (29)	PARONA (Corrado). Vermi parassiti di Verte- brati.	Presented
	PALAEONTOGRAPHIA Italica. Memorie di Palaeontologia pubblicate per cura del Marie Canavari. Vol. v, 1899.		P 12 (30)	PARSONS (—). "Filaria volvulus."	Presented
16022	1 vol. 8vo. Pisa, 1900. Purchased		P 12 (31)	TOPSENT (—). Ophyridium versatile.	Presented
	Do do Vol. xi, 1909.		P 12 (32)	PORTER (Carlos). Helminthologia. SALENSKY (W.). [V. Zalensky. V. Salensky.]	Presented
	1 vol. 4to. Pisa, 1909. Purchased		P 12 (33)	Über die Metamorphose des Echiurus, 1-4. Do do do 5-6.	Presented
	SWITZERLAND.		P 12 (34)	(<i>Bulletin de l'Academie Imperiale des Sciences de St. Petersbourg</i> , 1908.)	Presented
	SOCIÉTÉ PALEONTOLOGIQUE SUISSE.		P 12 (35)	SALENSKY (W.). [V. Zalensky.] Ueber den Bau und die Entwicklung der Schlund- taschen der Spioniden. (<i>Bulletin de l'Acade- mie Imperiale des Sciences de St. Peters- bourg</i> , 1908.)	Presented
15972	Memoires, Vol. xx, 1893.		P 12 (36)	MOLCHANOV. [MOLSTCHANOV] (L. A.). Beitrag zur Morphologie und Physiologie der Priapuliden. (<i>Bulletin de l'Academie Im- periale des Sciences de St. Petersbourg</i> , 1908.)	Presented
16223	1 vol. 4to. Basel, 1894.			13. Mollusca.	
	Memoires, Vol. xxxvi, 1909-10.		P 13 (112)	TATE (Ralph). List of Australian Terebridae. (<i>Southern Science Record</i> , January, 1886.)	Presented
	1 vol. 4to. Basel, 1910.		P 13 (113)	PRITCHARD (G. B.), and J. H. Gatliff. On some new species of Victorian Mollusca. No. 6. (<i>Roy. Soc. Vict. Proc.</i> , n.s., xvi, 1903.)	Presented
	PAMPHLETS.				
	1. General Zoology.				
P 1 (18)	NICHOLLS (Brooke). Teeth of Australian Animals. (<i>The Australian Journal of Dentistry</i> , 1908-9.)				
	3. Mammalia.				
P 3 (16)	PARONA (Corrado). Catture recenti di Grandi Cetacei nei Mari Italiani. (<i>Soc. Ligistica di Scienze nat. e. geog. xix</i> , 1908.)				
	4. Aves.				
P 4 (39)	— Sdoppiamento del vessillo in due penne di Pollo. (<i>Atti della Società Ligistica di Scienze naturali e geografiche</i> , Vol. xvii, 1906.)				
	6. Pisces.				
P 6 (31)	— Esitono gli Ostracionidi nel Mediterraneo? A proposito del rinvenimento di un Ostracion triquerter Lin. nelle acque del Porto di Genova. (<i>Atti della Società Ligistica di Scienze naturali e geografiche</i> , Vol. xx, 1909.)				
	Genova, 1909. Presented				

Reg. No.	Books.	How acquired.	Reg. No.	Books.	How acquired.
P 13 (114)	Pritchard (G. B.), and J. H. Gatliff. On some new species of Victorian Mollusca. No. 7. (<i>Roy. Soc. Vict., Proc., n.s., xvii</i> , 1904.)	Presented	P 15 (20)	Kükenthal (W.). Japanese Gorgoniden. II. Teil: Die Familien der Plexauriden, Chrysogriiden und Melitodiden. (<i>Beiträge zur Naturgeschichte Ostasiens. Herausgegeben von F. Doflein. [Abhandlungen der math.-phys. Klasse der K. Bayer. Akademie der Wissenschaften. I. Suppl., Bd. 5. Abhandl.]</i>)	Purchased
P 13 (115)	Catalogue of the Marine Shells of Victoria. Part VII. (<i>Roy. Soc. Vict., Proc., n.s., xvi</i> , 1903.)	Presented	P 15 (21)	Maas (O.). Japanische Medusen. (<i>Beiträge zur Naturgeschichte Ostasiens. Herausgegeben von F. Doflein. [Abhandlungen der math.-phys. Klasse der K. Bayer. Akademie der Wissenschaften. I. Suppl., Bd. 8. Abhandl.]</i>)	Purchased
(116)	Catalogue of the Marine Shells of Victoria. Part VIII. (<i>Roy. Soc. Vict., Proc., n.s., xvii</i> , 1904.)	Presented	P 15 (22)	GorzaWSKY (Hubert). Die Gorgonaceae-familie der Primmoïden und Muriceiden. (<i>Kgl. Univ. Breslau, Inaug.-Dissertation der phil. Doktorwurde der phil. Fakultät, 1908.</i>)	Purchased
(117)	Catalogue of the Marine Shells of Victoria. Part IX. (<i>Roy. Soc. Vict., Proc., n.s., xvii</i> , 1905.)	Presented	P 15 (23)	Kemna (Ad.). Les Caractères et L'Emplacement des Spongiaires. (<i>Annales de la Société Royale Zoologique et Malacologique de Belgique, Tome xlii</i> , 1907.)	Purchased
P 13 (118)	Hedley (Charles). Mollusca from the Hope Islands, North Queensland. (<i>P.L.S., N.S.W., xxxiv</i> , 1909.)	Presented	P 15 (24)	Roule (Louis). Alcyonaires D'Amboine. (<i>Voyage de M. Bedot et C. Picet dans L'Archipel Malais. [Extrait de la Revue suisse de Zoologie, T. 16, 1908.]</i>)	Purchased
P 13 (119)	Prime (Temple). Monograph of American Corbiculadæ. (Recent and Fossil.) Prepared for the Smithsonian Institution. (<i>Smithsonian Miscellaneous Collections</i> , 145, 1865.)	Purchased	P 15 (25)	Pax (Ferdinand). Vorarbeiten zu einer Revision der Familie Actiniidae. (<i>Kgl. Univ. Breslau, Inaug.-Dissertation der phil. Doktorwurde der phil. Fakultät, 1907.</i>)	Purchased
P 13 (120)	Stimpson (William). Researches upon the Hydrobiinæ and allied forms. (<i>Smithsonian Miscellaneous Collections</i> , VII, 1867.)	Purchased	P 15 (26)	Gravier (Ch.). Annélides Polychétes recueillis à Payta (Pérou) par P. Le Dr Rivet, Membre de la Mission géodesique de l'Équateur. (<i>Archives de Zoologie Experimentale et Générale 4x Serie, Tome x</i> , 1909.)	Purchased
	14. Echinodermata.		P 15 (27)	Pax (Ferdinand). Anthozoa die Aktinienfauna Westafrikas. (<i>L. Schultze, Forschungsreise in westlichen und zentralen Südafrika ausgeführt in den Jahren 1903-1905. [Denkschriften der medicinisch-naturwissenschaftlichen Gesellschaft, Bd. xiii.]</i>)	Purchased
P 13 (11)	Hamann (Otto). Beiträge zur Histologie der Echinodermen. II. Mittheilung. (<i>Zeitschrift für Wissenschaftliche Zoologie</i> . Bd. xxxix.)	Purchased	P 16 (17)	Dendy (A.). Portobolbos.	Presented
P 14 (12)	Lavbidova (K. H.). Nahlyudeniya natz' protzessom'Regheneratzii u Enteropneusta. (<i>Travaux du Laboratoire Zoologique et de la Station Biologique de Sebastopol près l'Academie Impériale des Sciences de St. Petersbourg. Acad. Imp. des Sciences, Mémoires [8], xxii, 1908.</i>) (The Author's name and title of paper is a transliteration from the Russian.)	Presented	P 16 (18)	Kirkpatrick (R.). Polyzoa from Port Phillip. (<i>Annals and magazine of natural history for July</i> , 1888.)	Purchased
	15. Coelenterata.		P 16 (19)	Hincks (Thomas). Notes on the genus Retepora, with descriptions of new species. (<i>Annals and magazine of natural history for May</i> , 1878.)	Purchased
P 15 (11)	Smitt (F. A.). Recensio animalium Bryozoorum e mari arctico, quea ad paeninsulam Kolam in itinere anno 1877, duce H. Sandeberg, inventis F. Trybom. (<i>Oversigt af Kongl. Vetenskaps-Akademiens Forhandlingar 1878. No. 7.</i>)	Presented	P 16 (20)	—Report on the Polyzoa of the Queen Charlotte Islands. (<i>Reprinted from the Annals and magazine of natural history, London, England, for December, 1882; June, 1883; January and March, 1884. [Geological and natural history survey of Canada.]</i>)	Purchased
P 15 (12)	Levin森 (C. M. R.). Studies on Bryozoa.	Presented	P 16 (21)	Hincks (—). Critical Notes on the Polyzoa. (22) —Polyzoa from Bass Straits.	Purchased
P 15 (13)	Verrill (A. E.). List of the Polyps and Corals sent by the Museum of Comparative Zoology to other Institutions in Exchange, with Annotations. (<i>Mus. Comp. Zool. Bull., January</i> , 1864.)	Presented	P 16 (23)	Topsent (—). Crinorhiza.	Purchased
	Synopsis of the Polyps and Corals of the North Pacific Exploring Expedition under Commodore C. Ringgold and Captain John Rodgers, U.S.N., from 1853 to 1856. Collected by Dr. Wm. Stimpson, naturalist to the Expedition. With descriptions of some species from the West Coast of North America. (<i>Essex Inst. Proc., iv.</i>) Classification of Polyps. Extract condensed from a Synopsis of the Polypi of the North Pacific Exploring Expedition, under Captains Ringgold and Rodgers, U.S.N. (<i>Essex Inst. Proc., iv.</i>)	Purchased	P 16 (24)	Van Name (Willard G.). Compound Ascidians of the Coast of New England and Neighboring British Provinces. (<i>Proceedings of the Boston Society of Natural History. Vol. 34, No. 11.</i>)	Purchased
P 15 (14)	Howchin (W.). A Mass of Living Coral.	Purchased		17. Botany.	
P 15 (15)	Clark (—). Crinoids of the "Gazelle."	Purchased	P 17 (60-61)	Bailey (F. Manson). Contributions to the Flora of Queensland. (62) —African Wonder Grass.	Presented
P 15 (16)	CoHN (Martin). Alcyonacea von Madagaskar und Ostafrika. (<i>Voeltzkow Reise in Ostafrika in den Jahren, 1903-1905, Band II.</i>)	Purchased	P 17 (63)	Stirton (James). Additions to the Lichen Flora of Queensland. (<i>Contributed by the Rev. J. E. Tenison-Woods, F.G.S., Sept. 9th, 1880.</i>) Svo. Melbourne (n.d.)	Presented
P 15 (17)	Pax (Ferdinand). Die Aktinien der ostafrikanischen Inseln. (<i>Voeltzkow Reise in Ostafrika in den Jahren, 1903-1905, Band II.</i>)	Purchased	P 18 (55)	Revue des Etudes Ethnographiques et Sociologiques, Fevrier, 1908. P. Geuthner, Paris.	Presented
P 15 (18)	Silberfeld (E.). Japanische Antipatharien. (<i>Beiträge zur Naturgeschichte Ostasiens. Herausgegeben von F. Doflein. [Abhandlungen der math.-phys. Klasse der K. Bayer. Akademie der Wissenschaften. I. Suppl., Bd. VII, Abhandl.]</i>)	Purchased		18. Ethnology.	
P 15 (19)	Stechow (I.). Hydroïdolypen der japanischen Ostküste. I. Teil: Athecata und Plumularide. (<i>Beiträge zur Naturgeschichte Ostasiens. Herausgegeben von F. Doflein. [Abhandlungen der math.-phys. Klasse der K. Bayer. Akademie der Wissenschaften. I. Suppl., Bd. 6. Abhandl.]</i>)	Purchased	P 19 (69)	Springer (—). A new American Jurassic Crinoid.	Presented
			P 19 (70)	Hinde (C. J.). Calcisponges from the Eocene of Victoria.	Presented

Reg. No.	Books	How acquired.	Reg. No.	Books	How acquired.
P 19 (71)	CHAPMAN (F.) and G. B. Pritchard. Fossil Fish Remains from the Tertiaries of Australia. Part I. (<i>Roy. Soc. Vict., Proc., n.s., xvii</i> , 1904.)		295	FREMANTLE. Copy of the first plan made by Surveyor-General Captain J. S. Roe, R.N., of the City of Fremantle. 1838. Scale, 40 chains = half mile.	WEST AUSTRALIA.
(72)	Fossil Fish Remains from the Tertiaries of Australia. Part II. (<i>Roy. Soc. Vict., Proc., n.s., xx</i> , 1907.)	Presented	296	PERTH. Copy of the first plan made by Surveyor-General Captain J. S. Roe, R.N. of the City of Perth. 1838. Scale, 40 chains = half mile.	Presented
P 19 (73)	PRITCHARD (G. B.). Palaeontological Notes. —On Some Australian Tertiary Pleurotomariae. (<i>Roy. Soc. Vict., Proc., n.s., xvi</i> , 1905.)	Presented	294	SWAN RIVER, W.A. (Facsimile) Chart of Swan River, from a Survey by Capt. James Stirling, R.N., 1827. Scale, nautical miles, 10 to half inch. Reproduced from Pamphlets. Folio Series. Vol. i. Victoria Public Library, Perth, W.A.	Presented
P 19 (74)	—Contributions to the Palaeontology of the Older Tertiary of Victoria. Part II.	Presented			MELANESIA.
P 19 (75)	20. Geology.		291	ADMIRALTY CHARTS (South-West Pacific). Anchorage in the New Hebrides Islands. Published at the Admiralty, London, 1880. Scales, various.	Presented
P 20 (43)	DAVID (T. W. E.). Geological Epochs. (<i>Internat. Congress Geol., x, Mexico, 1906</i> .)	Presented		ADMIRALTY CHARTS.	
P 20 (44)	HOWCHIN (Walter). The Glacial (Permo-Carboniferous) Moraines of Rosetta Head and King's Point, South Australia. ("Translations of the Royal Society of South Australia," Vol. xxxiv, 1910.)	Presented	296	Torres Strait, Western Channels 1902.	
P 23 (69)	NORTON (A.). "The Jardines' Expedition from Rockhampton to Cape York in 1864." (<i>Roy. Soc. Queensland, Proc., xxii</i> , 1909.)	Presented	297	Do North-east and East Entrances, with the Outlying Reefs 1902.	Presented by Mr. C. Hedley.
P 23 (70)	PARONA (Corrado). Leopoldo Magi. (71) —Pietri Pavesi.	Presented			NORTH AMERICA.
P 23 (72)	NATURWISSENSCHAFTLICHE Wochenschrift, nr. 45.	Presented	282	CANADA. Geological Survey. Geological Map of a group of townships adjoining Lake Temiskaming, Co. Pontiac, Quebec.	Presented
P 23 (73)	PORTER (Carlos E.). Catalogo razonado de los Trabajos historico-naturales publicados desde Enero de 1894 hasta Dic. de 1908. Svo. Santiago (Chile), 1908.	Presented	CANADA, NOVA SCOTIA. Geological Survey of Canada. Province of Nova Scotia.		
	MAPS.		270	Wentworth. Sheet No. 62.	
	ANTARCTICA.		271	Noel. do 64.	
284	London Atlas Map of the Antarctic Regions. Scale 1: 22,429,440. Stanford, London, 1909. Purchased		272	Tatamagonicie. do 59.	
	NEW SOUTH WALES.		273	Economy R. do 76.	
287	NEW SOUTH WALES, including LORD HOWE ISLAND. in 4 sheets; compiled at the Lands Department of New South Wales, 1905. Scale, 16 miles to 1 inch.		274	Pugwash. do 61.	
	Sheet 1.		275	Londonderry. do 63.	
	Do 2.		276	Five Is'ds and Tennycape. do 75.	
	Do 3. N.S.W. in part and Australia (showing positions of Lord Howe and Norfolk Islands). Scale, 400 statute miles to 1 inch.		277	Magalash. do 60.	
	Do 4. N.S.W. in part and Lord Howe Island and adjacent Islands and Reefs. Scale, 80 chains to 1 inch.		278	Southampton. do 62.	
286	Geological Map of New South Wales. 1880.	Presented	279	Walton. do 74.	
288	New South Wales Parish Maps.—Parish of Dubbo, Counties of Gordon and Narromine, Land District of Dubbo, Talbragar Shire, Central Division of New South Wales. Fourth edition. Scale, half inch to 1 mile. 1910.	Presented	280	Kennetcrook. do 65.	
289	New South Wales Parish Maps.—Parish of Terramungamine, County of Lincoln, Land District of Picton, Central Division of New South Wales. Second edition. Scale, 1 mile to 1 inch.	Presented	281	Parrsboro. do 83.	Presented
	QUEENSLAND.		283	U.S.A., West Virginia, Geological Survey. Map of West Virginia, showing Coal, Gas, Oil, and Limestone Areas.	Presented
290	QUEENSLAND. Sketch Map of East Central Queensland Gold, Mineral, and Coal Fields between Rockhampton, Gladstone, and the Dawson and Mackenzie Rivers; prepared at the Geological Survey Office, Department of Mines, by W. H. Greenfield. 1910. Scale, 4 miles to 1 inch.	Presented			Presented
					MALAYSIA.
			285	PHILIPPINE ISLANDS. Map of Mancayan. Suyoc. (P.I. Mining Bureau, Bull. 4, pl. xiii.)	Presented
					SOUTH AFRICA.
			292	GOOD HOPE, Cape of. Geological Map of the Colony of the Cape of Good Hope. Sheet XXXII. Published by the Geological Commission, 1910. Geology by A. W. Rogers and A. L. Du Toit. Scale, 3.75 miles to 1 inch.	
			293	Do do do Sheet XL. Geological Map of the Cape of Good Hope. Published by the Geological Commission. Scale 3.75 miles to 1 inch.	Presented
			263	Sheet XXXIII.	
			264	XLI.	
			265	XLII.	
			266	XLVI.	
			267	LII.	
			268	XLIX.	
			269	I.	

APPENDIX VII.

SYLLABUS of Lectures at the Australian Museum, 1910-1911.

1910. Lectures delivered.

July 9.	"Life History and Structure of a Crab."	A. R. McCulloch.
Aug. 13.	"Asexual Reproduction in Animals."	Part I. E. F. Hallmann.
Sept. 10.	"	II.
Oct. 8.	"	III.
Nov. 12.	"	IV.
Dec. —	No Lecture.	

1911. Lectures delivered and in preparation.

Jan. to April. No Lectures.

May 18.	"Arts of Fishing practised by Natives of Australia and Polynesia."	C. Hedley.
June 15.	"Man's Insect Foes."	I. Mosquitoes. W. J. Rainbow.
July 20.	"	II. Flies.
Aug. 17.	"	III. Fleas.
Sept. 21.	"	IV. Mites and Ticks.
Oct. 19.	"Sponges; their Structure, Cultivation, and Economic Value."	E. F. Hallmann.

APPENDIX VIII.

LIST of the Museum Staff, June, 1911.

Name and Office.	Date of first appointment in the Museum.	Date of appointment to present position.
Robert Etheridge, jun., J.P., Curator	18 April, 1887	1 Jan., 1895
Charles Hedley, Assistant Curator	1 " 1891	20 Dec., 1908
Sutherland Sinclair, Secretary and Librarian	11 Sept., 1882	11 Sept., 1882
Alfred J. North, Ornithologist	1 Dec., 1886	4 Aug., 1891
Wm. J. Rainbow, Entomologist	— July, 1896	3 Sept., 1896
Charles Anderson, Mineralogist	22 " 1901	22 July, 1901
Allan R. McCulloch, Zoologist	1 " 1901	1 " 1906
Edw. F. Hallmann, Zoologist	9 June, 1909	9 June, 1909
Wm. W. Thorpe, Ethnologist	9 Oct., 1899	1 July, 1906
T. H. Johnston, Hon. Zoologist	— June, 1908	5 Mar., 1909
Frank T. Clark, Accountant	1 Jan., 1896	1 Jan., 1896
Wm. A. Rainbow, Assistant Librarian	13 May, 1902	1 July, 1906
Arthur Smith, Clerk	10 Jan., 1910	10 Jan., 1910
Rex. W. Bretnall, Cadet	11 Feb., 1907	11 Feb., 1907
Roy Kinghorn, Zoologist's Clerk	1 Sept., 1907	1 Sept., 1907
Dene B. Fry, Cadet	1 Jan., 1908	1 Jan., 1908
Ellis Le G. Troughton, Cadet	13 " 1908	13 " 1908
Hedley Coleman, Cadet	6 July, 1908	6 July, 1908
Anthony Musgrave, Cadet	7 Feb., 1910	7 Feb., 1910
Robert Grant, Taxidermist	— 1887	7 Aug., 1907
Henry Barnes, Articulator, &c.	— 1878	11 Oct., 1897
Benton Lucas, Artificer	1 Mar., 1883	4 May, 1906
Jas. W. Woodhead, Printer	27 Sept., 1897	27 Sept., 1897
Thos. A. Henson, Carpenter	1 May, 1902	8 May, 1906
Chas. Clutton, Assistant to Articulator	25 April, 1904	8 Oct., 1907
Henry S. Grant, Assistant to Taxidermist	5 Oct., 1909	5 " 1909
Herbert Jackson, Assistant to Artificer	9 June, 1910	9 June, 1910
John Cronin, Chief Attendant	5 July, 1909	5 July, 1909
Robert Long, Attendant	3 April, 1894	8 Feb., 1897
Arthur Barnes, do	— 1897	1 Jan., 1905
J. T. Lee, do	11 Sept., 1905	5 April, 1909
R. J. Thorpe, do	14 May, 1908	1 July, 1908
J. H. Wright, do	13 " 1908	1 " 1908
John Flanagan, do	1 July, 1909	1 " 1909
Jas. A. Trimble, do	1 " 1909	1 " 1909
D. Baxter, do	1 May, 1911	1 May, 1911
T. Rochford, do	1 " 1911	1 " 1911
T. A. Murphy, do	1 " 1911	1 " 1911
R. L. Carrick, do	12 June, 1911	12 June, 1911
Mrs. K. Fraser, do	1 April, 1889	1 April, 1889

[APPENDIX IX.—Photographs.]

FORM OF BEQUEST FOR INSERTION IN WILLS.

I BEQUEATH to the Trustees of the Australian Museum, free of succession duty and without deduction, the

sum of pounds, and/or all my Library, Books, Natural History Specimens,

Geological Specimens, Ethnological Specimens,* to be applied by them for the benefit of the said Museum.

* Delete the items not required.

NOTE.—Wills containing these bequests must be executed in strict accordance with the law.

APPENDIX IX.

VIEWS in the Australian Museum before and after Removal of the Pillars.

