

1888.

NEW SOUTH WALES.

AUSTRALIAN MUSEUM.

(REPORT OF THE TRUSTEES FOR 1887.)

Presented to Parliament, pursuant to Act 17 Vic. No. 2, sec. 9.

TO HIS EXCELLENCY THE GOVERNOR AND EXECUTIVE COUNCIL,—

The Trustees of the Australian Museum, incorporated by the Act 17 Victoria No. 2, have the honor to submit to your Excellency in Council, in accordance with the 9th section of that Act, this their thirty-fourth Annual Report.

1. The hours during which the Museum is open to the public have continued to be, as in previous years, from 10 until 5 o'clock (or in summer till 6 o'clock) daily, except on Mondays, when it is closed for the necessary purposes of cleansing, and except on Sundays, when the hours are from 2 o'clock only to 5. The record of the number of visitors in 1887 shows a decrease, the total number being 122,799, as against 127,231 in 1886. The largest attendance on one day was 2,658, namely, on Monday, the 3rd October; and the largest Sunday attendance was 1,233, on the 17th July. The average daily number throughout the year was 330 on week-days and 709 on Sundays. The orderly conduct of the visitors on all these occasions, and the apparently intelligent interest taken by a large portion of them in the exhibits, afford gratifying evidence of their value, as affording not merely amusement but also useful instruction.

2. The collections are still being increased, mainly by purchases, exchanges, and donations, but also by our collecting and dredging expeditions. A list of these additions, under their separate heads, with a report by the Curator, will be found in Appendices IV, V, VI, VII. An expedition, under the charge of Messrs. Cairn and Grant, to the Bellenden Ker Ranges, in Northern Queensland, resulted in obtaining for the Museum about sixty-eight species (198 specimens) of birds, and eleven species (35 specimens) of mammals, seven of which are new to the Museum, and three are new to science; besides a number of insects and other invertebrates. A list of these will be found in Appendix IX. The Trustees were enabled also during the year to send an expedition to Lord Howe Island, in company with the Visiting Magistrate, Mr. H. T. Wilkinson. Advantage was taken of this official visit, and Messrs. Etheridge, Thorpe, and Whitelegge were instructed by the Trustees to proceed there. A report of the expedition forms Appendix X, and a fuller account of the natural history of this interesting island will shortly be issued as a separate publication.

3. The Ethnological Hall referred to in last year's report has been fitted up with cases, and the valuable Ethnological collections, mostly acquired during recent years, are arranged there. It is anticipated that this will prove to be not the least interesting portion of the Museum. The removal of this collection to the new hall has cleared the galleries in the old wing, which are now being used temporarily for the display of foreign mammals and other specimens not of local interest. It has been found necessary to use a portion of the old wing for books for which there is no room in the Library, and one end of it has accordingly been fitted up with book-cases. Ultimately this wing is intended to be for the reception of the Geological Collections, but as no money has been allowed by the Government for cases during the present year, the work of fitting it up for their exhibition is necessarily postponed. The officers of the Institution are still suffering much inconvenience, and their work is in no small degree retarded, by reason of the want of additional accommodation.

4. The following publications have been issued during the year :—

Catalogues of Medusæ of the Australian Seas : Dr. R. von Lendenfeldt.
Reprint of History and Description of Sperm Whale : W. S. Wall (1851).

The following are in the Press, and will shortly be issued :—

Catalogue of Australian Birds' Nests and Eggs : A. J. North.
Catalogue of Sponges : Dr. R. von Lendenfeldt.
Catalogue of Shells, part 1 : J. Brazier.
On Lord Howe Island : Dr. Ramsay and R. Etheridge.

A new Library Catalogue, and Catalogues of Lizards, Fishes, Birds, Ethnological Specimens, and others, are in preparation.

5. The Trustees regret having to report the resignation of Edmund Fosbery, Esq., one of the elective Trustees. His place at the Board has been filled by the recent election of W. D. Campbell Williams, Esq., Staff-Surgeon to the Forces.

6. Annexed to this Report are the following Appendices :—

- I.—Annual Balance-sheet.
- II.—Attendance of Visitors.
- III.—Attendance of the Trustees.
- IV.—Acquisitions by collection and purchase.
- V.—Donations.
- VI.—Exchanges.
- VII.—Reports of Scientific Assistants.
- VIII.—Books acquired.
- IX.—List of Specimens collected in Northern Queensland.
- X.—Report of Expedition to Lord Howe Island.

The Common Seal of the Museum is affixed by order of the Board, this
1st day of May, 1888.

S. SINCLAIR,
Secretary.

ALFRED STEPHEN,
Crown Trustee and Chairman. (L.S.)

APPENDIX I.

BALANCE-SHEET for the year 1887.

	£	s.	d.	£	s.	d.		£	s.	d.
Balance from last year				3,474	14	11	Purchase of specimens	548	16	4
From Colonial Treasurer—							„ ethnology	119	5	9
Statutory endowment	1,000	0	0				„ books	471	1	1
Parliamentary appropriation ...	5,700	0	0				„ show-cases	1,458	6	7
				6,700	0	0	„ bottles	462	4	4
For Guides and Catalogues sold.....				3	18	6	Collection of specimens.....	564	6	6
From Adelaide Jubilee Exhibition							Cataloguing	562	17	6
Commissioners				246	17	8	Travelling, freight, and carriage	99	19	11
							Salaries—			
							Curator	£600	0	0
							Ticket-writer and			
							Registrar	200	0	0
							Assistants (scientific)	649	0	6
							Night watchman	100	0	0
							Attendants in new			
							Hall... ..	298	18	4
							Sunday services	206	15	0
							Secretary, Taxidermists, &c.....	2,054	13	10
							General expenses, insurance, fuel, &c.	1,521	13	2
							Repaid to Colonial Treasurer	242	8	8
								429	9	1
								£	8,535	2 9
							Balance		1,890	8 4
								£	10,425	11 1

Examined and found correct, 22nd March, 1888.

ROBERT HUNT.
JAMES NORTON.

APPENDIX II.

ATTENDANCE OF VISITORS DURING 1887.

						Week-days.	Sunday.
January ...	...	...	...	...	...	7,661	3,862
February ...	...	...	...	...	...	5,187	2,087
March ...	...	...	...	...	...	5,789	2,315
April ...	...	...	...	...	...	7,484	2,642
May ...	...	...	...	...	...	6,392	3,937
June ...	...	...	...	...	...	11,663	2,548
July ...	...	...	...	...	...	7,038	4,495
August ...	...	...	...	...	...	6,072	2,509
September ...	...	...	...	...	...	6,564	3,462
October ...	...	...	...	...	...	7,922	3,501
November ...	...	...	...	...	...	5,676	2,525
December ...	...	...	...	...	...	8,483	2,985
Total for the year...	...	...	...	...	...	85,931	36,868
Total ...	...	...	...	...	...	122,799	
Total for last year...	...	...	...	...	...	85,972	41,259
Total ...	...	...	...	...	...	127,231	

APPENDIX III.

APPENDIX III.

ATTENDANCE OF THE TRUSTEES DURING 1887.

Crown Trustee.

The Honorable Sir Alfred Stephen, G.C.M.G., C.B., M.L.C. ... 7

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	...	...	...	...	...	7
The Collector of Customs	...	...	...	...	...	0
The Surveyor-General	...	...	...	...	...	0
The Colonial Architect	...	...	...	...	...	1
The President of the Medical Board	...	...	...	...	...	9

Elective Trustees.

J. C. Cox, Esq., M.D., F.L.S.	...	...	...	...	...	11
J. Belisario, Esq., D.D.S.	...	...	...	...	...	6
A. Liversidge, Esq., F.R.S.	...	...	...	...	...	0
The Honorable Jas. Norton, M.L.C.	...	...	...	...	...	11
Sir Alfred Roberts, M.R.C.S., Knt.	...	...	...	...	...	6
H. H. B. Bradley, Esq.	...	...	...	...	...	7
Robert Hunt, Esq., F.G.S.	...	...	...	...	...	11
Charles Moore, Esq., F.L.S....	...	...	...	...	...	5
C. S. Wilkinson, Esq., F.G.S.	...	...	...	...	...	4
The Honorable P. G. King, M.L.C.	...	...	...	...	...	8
W. J. Stephens, Esq., M.A.	...	...	...	...	...	1
Edmund Fosbery, Esq.	...	...	...	...	...	5
W. D. Campbell Williams, L.R.C.P., London, &c.	...	...	...	...	...	2

Number of Board Meetings during the year ... 14

APPENDIX IV.

ACQUISITIONS BY COLLECTION AND PURCHASE.

Mammals :—15 species ; 40 specimens collected. 12 species ; 16 specimens purchased.
 Birds :—126 species ; 478 specimens collected. 109 species ; 194 specimens purchased.
 Birds' Eggs :—4 species ; 5 specimens collected. Collection of Australian eggs purchased.
 Birds' Nests :—3 species ; 11 specimens collected. 4 species ; 4 specimens purchased.
 Fishes :—55 species ; 138 specimens collected. 99 species ; 152 specimens purchased.
 Insecta :—1,737 specimens purchased.
 Crustacea :—1 species ; 1 specimen purchased.
 Mollusca :—4 species ; 4 specimens and two collections of shells purchased.
 Echinodermata :—Collection purchased.
 Minerals :—A large number of specimens purchased.
 Fossils :—32 species ; 135 specimens purchased.

Ethnological specimens purchased :—

42 specimens from New South Wales.	4 specimens from Cean Island.
47 " " Harvey Group	381 " " Admiralty Islands.
88 " " New Guinea.	67 " " Mortlock Islands.
107 " " New Zealand.	24 " " New Britain.
221 " " Solomon Islands.	15 " " Louisiade Islands.
8 " " Fischer Islands.	6 " " Greenwich Island.
298 " " New Ireland.	2 " " Stewart Island.
8 " " Gardner's Island.	

APPENDIX V.

Specimen.	Donor.
<i>Mammals.</i>	
3 Dasyurus viverrinus	Mr. T. Brown.
1 Hydromys leucogaster	Mr. H. P. Dove.
1 Antechinus sp.	Mr. W. J. Foster.
2 Dasyurus maculatus	Mr. H. G. Greville.
1 " viverrinus	
1 Delphinus sp.	Messrs. Gibbs, Bright, & Co.
1 Small opossum from pouch	Mr. R. Greenwood.
1 Mouse (<i>Mus.</i> sp.)	Mr. J. R. Holding.
1 Dasyurus viverrinus	Mr. Jas. M'Donald.
1 Antechinus sp.	Mr. J. Mitchell.
1 Hydromys chrysogaster	Mr. A. M'Tarvish.
1 Herpestes griseus	Mrs. Miller.
1 Dasyurus viverrinus	Constable Ord.
1 Canis dingo	Mr. E. G. W. Palmer.
1 Echidna setosa	Mr. W. Porter.
1 Hapale jachus	Sir A. Stephen, G.C.M.G., C.B., &c.
1 Phascogale penicillata	
Fœtus, and the ovaries of a kangaroo	Mr. J. M. Stevens.
1 Hydromys leucogaster	Mr. S. Sinclair.
<i>Birds.</i>	
2 Euphema bourkii	Mr. K. H. Bennett.
2 Recurvirostra rubicollis	
4 Pomatostomus ruficeps	The Director, Botanical Gardens.
2 " superciliosa	
1 Apteryx oweni	Mr. H. Burns.
1 Pelecanus conspicillatus	
1 Gymnorhina tibicen	Mrs. Cadell.
1 Hieracidea orientalis	Mr. T. Cadell.
1 Elanus axillaris	Dr. J. C. Cox.
1 Biziura lobata	Mr. J. Connors.
1 Eudyptula minor	Mr. L. R. Dyce.
1 Nycticorax caledonicus	Mrs. Elwin.
1 Podargus strigoides	Dr. Fischer.
1 Entomyza cyanotus	
1 Ptilotis auricomis	Mr. J. T. Fischer. Dr. Fiaschi.
1 Collyriocinclla harmonica	
1 Eopsaltria australis	Mr. Richd. Grant.
1 Athene strenua	
1 Biziura lobata	
1 Nycticorax caledonicus	
1 Fulica australis	
1 Falco frontatus	
1 Geocichla lunulata	
1 Turnix varius	
1 Turnix velox	
1 Tribonyx sp....	
2 Astur approximans	Mr. R. Hunt.
1 Strepera anophonensis	
1 Coturnix pectoralis	
1 Synoicus australis	Mr. S. Hosie.
1 Hieracidea orientalis	Mons. L. Jaubert.
1 Cacatua galerita (supposed to be 100 years old)	Mr. H. G. Lodwidge.
1 Psephotus hæmatonotus	
1 Podargus strigoides	Mr. H. J. M'Cooley.
1 Hæmatopus longirostris	
1 Tropidorhynchus corniculatus	Mr. J. A. Millington.
1 Zosterops dorsalis	
1 Hirundo neoxena	Mr. A. H. M'Culloch.
1 Petroeca erythrogaster	
1 Gygis candida	Hon. Jas. Norton, M.L.C.
1 Platycercus pennantii	
1 Menura superba	Mr. H. Newcombe.
1 Accipiter cirrhocephalus	
1 Eurystomus pacificus	Mr. Palmer.
1 Merops ornatus	
1 Dromaius novæ-hollandiæ	Mr. P. Schrader.
1 Dicæum hirundinaceum	
1 Cacomantis flabelliformis	
1 Geobasileus reguloides	

Specimen.								Donor.
<i>Birds—continued.</i>								
1	Pardalotus	affinis	...	...	...	...	...	Mr. P. Schrader.
2	"	punctatus	...	...	...	...	...	
1	Biziura	lobata	...	...	...	...	...	
1	Casuarius	australis	...	...	...	...	...	Dr. Sinclair.
1	Dromaius	novæ-hollandiæ	...	...	...	...	...	
2	Kaguus	...	...	...	...	...	...	Mr. T. Saves.
6	Trichoglossus	pusillus	...	...	...	...	...	Mr. J. A. Thorpe.
3	Amadina	lathamii	...	...	...	...	...	
1	Acanthiza	lineata	...	...	...	...	...	
2	Melithreptus	lunulatus	...	...	...	...	...	
1	Myzomela	sanguineolenta	...	...	...	...	...	
1	Meliornis	novæ-hollandiæ	...	...	...	...	...	
6	Estrilda	temporalis	...	...	...	...	...	
1	Pardalotus	punctatus	...	...	...	...	...	
2	Rhipidura	albiscapa	...	...	...	...	...	
1	Acanthorhynchus	tenuirostris	...	...	...	...	...	
1	Ptilotis	auricomis	...	...	...	...	...	
<i>Reptiles.</i>								
1	Phyllurus	platurus	...	...	...	...	...	Mr. F. W. Attwood.
1	Pygopus	lepidopus	...	...	...	...	...	Dr. Belisario.
1	Cyclodus	gigas	...	...	...	...	...	Mrs. G. H. Barrow.
1	Morelia	spilotes	...	...	...	...	...	Mr. H. Brown.
1	Typhlops	rueppellii	...	...	...	...	...	Mr. A. Bingham.
1	Vermicella	annulata	...	...	...	...	...	Mr. J. Boland.
1	Diemenia	superciliosa, juv.	...	...	...	...	...	Mrs. Byrnes.
1	"	reticulata	...	...	...	...	...	Mr. E. Byrnes.
2	Platurus	scutatus	...	...	...	...	...	Com. C. H. Cross, R.N.
1	Cyclodus	gigas	...	...	...	...	...	Dr. J. C. Cox.
3	Phrynosoma	cornuta	...	...	...	...	...	Dr. Card.
1	Grammatophora	barbata	...	...	...	...	...	Mr. F. Chilton.
1	Diemenia	superciliosa	...	...	...	...	...	Mr. A. Craddock.
1	Lialis	punctulata	...	...	...	...	...	Mr. J. T. Cockerill.
1	Phyllurus	myliusii	...	...	...	...	...	Mr. C. J. Dyce.
1	Dendrophis	punctulata	...	...	...	...	...	Mr. H. G. Greville.
1	Lialis	punctulata	...	...	...	...	...	
1	Phyllurus	platurus, var.	...	...	...	...	...	Mr. S. Gray.
1	Hoplocephalus	pallidiceps	...	...	...	...	...	Mr. D. C. Gordon.
1	"	sp. juv.	...	...	...	...	...	Mr. C. Hanson.
1	Lialis	sp.	...	...	...	...	...	
1	Pygopus	lepidopus	...	...	...	...	...	Mr. G. W. Hampshire.
1	Crocodylus	biporcatus	...	...	...	...	...	
1	Morelia	spilotes	...	...	...	...	...	
1	Pseudechis	porphyriacus	...	...	...	...	...	
1	Morelia	spilotes	...	...	...	...	...	
1	Diemenia	superciliosa	...	...	...	...	...	
2	Pygopus	lepidopus	...	...	...	...	...	
1	Typhlops	sp.	...	...	...	...	...	
1	Phyllurus	platurus	...	...	...	...	...	
1	Elaphis	quadrilineatus	...	...	...	...	...	
1	Callopeltis	flavescens	...	...	...	...	...	Mr. Max Ludoff.
1	"	lacertina	...	...	...	...	...	
1	Coronella	lævis	...	...	...	...	...	
1	Pelias	berus	...	...	...	...	...	
1	Lacerta	vivipara	...	...	...	...	...	
1	Tropidonotus	natrix	...	...	...	...	...	
2	"	" juv.	...	...	...	...	...	
1	Zamenis	viridiflavus	...	...	...	...	...	
1	Tropidonotus	tesselatus	...	...	...	...	...	
3	Small snakes	...	...	...	...	...	...	
1	Lacerta	stirpium	...	...	...	...	...	Mr. E. H. Lucas.
1	Vermicella	annulata	...	...	...	...	...	
1	Phyllurus	platurus	...	...	...	...	...	Mr. J. M'Lean.
1	Morelia	spilotes	...	...	...	...	...	
1	Chelonia	oblonga	...	...	...	...	...	Mr. Mitchell.
1	Egernia	cunninghami	...	...	...	...	...	
1	Lagostoma	sp.	...	...	...	...	...	Mr. N. J. Mason.
1	Lygosoma	taniolatum	...	...	...	...	...	
1	Hoplocephalus	variegatus	...	...	...	...	...	Mr. Wm. Moss.
1	Vermicella	annulata	...	...	...	...	...	Mr. D. Moore.
1	Hydrosaurus	varius	...	...	...	...	...	Mr. A. S. M'Gowan.
1	Small snake	...	...	...	...	...	...	Mrs. Miller.
1	Naja	tripudians	...	...	...	...	...	

Specimen.							Donor.
<i>Reptiles—continued.</i>							
1	Acanthophis antarctica	...	...	...	...	...	Mr. E. M'Ewan.
1	Lizard	...	...	...	...	...	Mr. Newman.
1	Brachysoma diadema	...	...	...	...	...	Mr. J. N. Oxley.
1	Hoplocephalus curtus	...	...	...	...	...	} Mr. E. G. W. Palmer.
1	" signatus	...	...	...	...	...	
1	Diemenia superciliosa	...	...	...	...	...	Mr. A. Powell.
1	Typhlops nigrescens	...	...	...	...	...	Mr. W. C. Renwick.
1	Phyllurus platurus, var.	...	...	...	...	...	} Mr. James Ramsay.
1	Aspidiotes ramsayi	...	...	...	...	...	
1	Hoplocephalus sp. nov.	...	...	...	...	...	
1	Dendrophis sp. nov.	...	...	...	...	...	
1	Vermicella annulata	...	...	...	...	...	Mr. Wm. Ronans.
1	" "	...	...	...	...	...	Mr. A. Rose.
2	Pygopus lepidopus	...	...	...	...	...	Mr. G. Reed.
1	Diemenia reticulata	...	...	...	...	...	Mr. E. G. Stevens.
1	Brachysoma diadema	...	...	...	...	...	} Mr. T. J. Skrine.
1	Hoplocephalus curtus	...	...	...	...	...	
1	Hyla peronii	...	...	...	...	...	Dr. Sturt.
1	Vermicella annulata	...	...	...	...	...	Mrs. E. Schofield.
1	Cyclodus gigas	...	...	...	...	...	Messrs. Tost & Rohu.
1	Acanthophis antarctica	...	...	...	...	...	Mr. T. J. Uldrich.
1	Skin of African snake	...	...	...	...	...	Mr. R. H. D. White.
1	Morelia spilotes	...	...	...	...	...	Mr. J. Wyatt.
1	Diplodactylus vittatus	...	...	...	...	...	
<i>Fishes.</i>							
1	Chrysophrys hasta	...	...	...	...	...	} Mr. Theodore Bevan.
1	Echeneis naucrates	...	...	...	...	...	
1	Neopempheris pectoralis. TYPE	...	...	...	...	...	} Proprietors of Bondi Aquarium.
1	Eupetrichthys angustipes. TYPE	...	...	...	...	...	
1	Heterodontus phillipi	...	...	...	...	...	} Mr. Chas. Colette.
2	Scyllium anale	...	...	...	...	...	
1	Tetrodon inermis	...	...	...	...	...	} Dr. Jas. C. Cox.
1	Trigla kumu...	...	...	...	...	...	
1	Antennarius striatus	...	...	...	...	...	
1	Caranx ciliaris	...	...	...	...	...	
9	Clupea sagax	...	...	...	...	...	} Mr. Chas. W. Cross.
1	Prionurus microlepidotus	...	...	...	...	...	
1	Synaptura nigra	...	...	...	...	...	Mr. J. C. Dunlop.
1	Trichiurus coxii, TYPE	...	...	...	...	...	Mr. G. Eastway.
1	Acanthurus triostegus	...	...	...	...	...	Mr. Geo. Fairbairn.
1	Apogon fasciatus	...	...	...	...	...	Dr. L. Foucart.
2	Glyphidodon uniocellatus	...	...	...	...	...	} Mr. R. Jagoe.
1	Solenognathus spinosissimus	...	...	...	...	...	
1	Dactylopterus orientalis	...	...	...	...	...	
1	Therapon sp.	...	...	...	...	...	
1	Hippocampus abdominalis	...	...	...	...	...	} Mr. J. G. Lodwidge.
5	Apogon punctatus	...	...	...	...	...	
2	Cristiceps sp.	...	...	...	...	...	
1	Chthamlopteryx melbournensis	...	...	...	...	...	
2	Monacanthus granulatus	...	...	...	...	...	} Mr. Jas. Longmore.
1	" sp.	...	...	...	...	...	
1	Odax sp.	...	...	...	...	...	} Mr. J. A. Millington.
1	Ostracion sp.	...	...	...	...	...	
2	Rhinobatus bougainvillii	...	...	...	...	...	
2	Monacanthus sp.	...	...	...	...	...	
1	Zygana malleus	...	...	...	...	...	} Mr. H. Newcome.
2	Apogon norfolcensis. TYPE	...	...	...	...	...	
2	Julis dorsalis	...	...	...	...	...	
2	Parma polylepis	...	...	...	...	...	
2	Coris trimaculata. TYPE	...	...	...	...	...	} Mr. K. J. O'Dea.
2	Labrichthys dorsalis	...	...	...	...	...	
1	Fistularia serrata	...	...	...	...	...	Mr. Ponder.
1	Tetrodon inermis	...	...	...	...	...	} Mr. H. Prince.
1	Ostracion diaphanus	...	...	...	...	...	
1	Galaxias coxii	...	...	...	...	...	
1	Pristiophorus cirratus	...	...	...	...	...	
1	Haploactis milesii	...	...	...	...	...	Dr. Read.
1	Cossyphus unimaculatus	...	...	...	...	...	Mr. Rohu.
4	Fistularia serrata	...	...	...	...	...	Dr. E. Sinclair.
1	Chaetodon strigatus	...	...	...	...	...	Mr. H. Smithurst.
1	Exocoetus sp.	...	...	...	...	...	Mr. E. Soane.
2	Oligorus macquariensis	...	...	...	...	...	

Specimen.							Donor.
<i>Fishes—continued.</i>							
1	Periophthalmus	koëltreuteri	...	...	...	...	Mr. R. H. Taylor.
22	Ambassis	gymnocephalus	...	...	...	...	Mr. Thos. Temperly.
3	Clupea	richmondia	...	...	...	...	
4	Gobioides	purpurascens	...	...	...	...	
11	Anguilla	sp.	...	...	...	...	
1	Gobius	castelnaui	...	...	...	...	
6	"	gobioides	...	...	...	...	Mr. J. Thomas.
2	"	sp.	...	...	...	...	
1	Zygæna	malleus	...	...	...	...	Mr. Thompson.
1	Centropogon	robustus	...	...	...	...	Mr. Jas. Tupy.
2	Gadopsis	marmoratus	...	...	...	...	Mr. Vandervort.
2	Ostracion	lenticularis	...	...	...	...	Mr. A. S. Walsh.
1	"	"	...	...	...	...	Mr. Osborne Wilshire.
3	Ctenolates	ambiguus	...	...	...	...	
5	Oligorus	macquariensis	...	...	...	...	
7	Macquaria	australasica	...	...	...	...	
2	Therapon	ellipticus	...	...	...	...	
<i>Insecta.</i>							
1	Orthopteron	...	...	...	...	...	Mr. G. H. Barrow.
1	Mantis	sp.	...	...	...	...	
1	Belostoma	indicum, St. F. & S.	...	...	...	...	Mr. J. Anstey.
14	Coleoptera	...	...	...	...	...	Mr. A. Birkett.
1	Cybister	sp.	...	...	...	...	
1	Orthopteron	...	...	...	...	...	Right Rev. Bishop of Goulburn
1	Mantispa	australica, W.	...	...	...	...	
1	Chelepteryx	collesi, Gray	...	...	...	...	Mr. J. C. Betteridge.
Collection, chiefly Lepidoptera, from New Guinea							Mr. Theo. Bevan.
1	Reduvius	sp.	...	...	...	...	Mr. H. Chambers.
1	Belostoma	indicum, St. F. & S.	...	...	...	...	Dr. J. C. Cox.
1	Thynnus	sp.	...	...	...	...	Mr. Carter.
1	Gryllotalpa	sp.	...	...	...	...	Mr. C. Cressey.
1	Papilio	sarpedon, L.	...	...	...	...	Master C. Carter.
1	Agarista	agricola, Don	...	...	...	...	
1	Belostoma	indicum, St. F. & S.	...	...	...	...	Mr. J. Fitzhardinge.
1	Amarygmus	puncticollis, Hope	...	...	...	...	Mr. A. G. Gambell.
4	Rhynchophora	...	...	...	...	...	
1	Chelepteryx	collesi, Gray	...	...	...	...	Mr. W. Henderson.
6	Ethon	affinis, L. & G.	...	...	...	...	Mr. J. R. Holding.
1	Cocoon of	Oiketicus	sp.	...	...	...	Miss Hall
1	Larva of	Chærocampa	celerio, L.	...	...	...	
1	Chelepteryx	collesi, Gray	...	...	...	...	Master Haughton.
1	Belostoma	indicum, St. F. & S.	...	...	...	...	Mr. A. Habbe.
1	Anoplognathus	porosus, Dalm.	...	...	...	...	Mr. James Henry.
1	Repsimus	manicatus, Sw.	...	...	...	...	
1	Gryllus	sp.	...	...	...	...	Mr. C. Hedges.
1	Chrysalis of	Danaïd	plexippus, L.	...	...	...	Mrs. Kidd.
1	Macrotoma	sp.	...	...	...	...	Mr. J. G. Lodwidge.
4	Galerucella	semipullata, Ch.	...	...	...	...	Mr. Chas. Moore.
1	Chærocampa	scrofa, Bois	...	...	...	...	Miss Manning.
1	Xylotrupes	australicus, Th.	...	...	...	...	Mr. E. J. B. M'Kenna.
Small collection from Norfolk Island							Mr. J. A. Millington.
1	Belostoma	indicum, St. F. & S.	...	...	...	...	Mr. J. M'Cready.
1	Larva of	Pielus	sp.	...	...	...	Mr. A. S. M'Gowan.
1	Larva of	Sequosa	triangularis, Don	...	...	...	Mr. W. A. Nicholas.
1	Dasypodia	selenophora, Gn.	...	...	...	...	Mr. A. S. E. Peer.
1	Mantis	sp.	...	...	...	...	
1	Carenum	marginatum, Bd.	...	...	...	...	
1	Collection of	Sydney	Lepidoptera	...	...	...	
6	Anobium	paniceum, F.	...	...	...	...	
1	Antheræa	eucalypti, Sc.	...	...	...	...	Mr. P. R. Pedley.
1	Sequosa	triangularis, Don	...	...	...	...	
1	Metamimas	australasica, Don	...	...	...	...	Mr. T. Ranft.
1	Rhytiphora	sp. nov.	...	...	...	...	
Collection of Coleoptera							Mr. J. H. Rose.
1	Chærocampa	erotus, Cr.	...	...	...	...	Mr. A. W. Robey.
1	Corydalis	sp.	...	...	...	...	Mr. S. W. Spain.
1	Chærocampa	celerio, L.	...	...	...	...	Mr. J. M. Stevens.
1	Chelepteryx	collesi, G. & cocoon	...	...	...	...	Mr. F. A. A. Skuse.
1	Perga	sp.	...	...	...	...	
1	Danima	banksia, Don	...	...	...	...	Mrs. Schofield.
1	Percosoma	sp.	...	...	...	...	Mr. H. Smithurst.
1	Belostoma	indicum, St. F. & S.	...	...	...	...	Mr. Thos. Thorburn.

Specimen.										Donor.
<i>Insecta—continued.</i>										
1	Caterpillar	...	...	...	...	...	...	...	...	Mr. Woolley.
1	Belostoma indicum, St. F. & S.	...	...	...	...	...	...	...	...	Mr. H. Winnett.
1	"	"	...	...	...	...	...	...	...	Mr. Chas. Wensley.
1	Plusia sp.	...	...	...	...	...	...	...	...	Rev. W. H. H. Yarrington.
1	Phasma sp.	...	...	...	...	...	...	...	...	Mr. O. L. Young.
<i>Arachnida, &c.</i>										
1	Mygale sp.	...	...	...	...	...	...	...	...	Mr. G. H. Barrow.
4	Heterostoma sp.	...	...	...	...	...	...	...	...	Mr. Gordon Carmen.
1	Spider	...	...	...	...	...	...	...	...	Mr. J. Dunshea.
1	Epeira sp.	...	...	...	...	...	...	...	...	Mr. Charles Forrest.
1	Heterostoma sp.	...	...	...	...	...	...	...	...	Mr. J. R. Holding.
1	Spider's web...	...	...	...	...	...	...	...	...	Hon. J. G. Lackay, M.L.C.
1	Spider and 2 cocoons	...	...	...	...	...	...	...	...	Mr. W. B. Muir.
1	Spider	...	...	...	...	...	...	...	...	Mr. A. S. M'Gowan.
1	"	...	...	...	...	...	...	...	...	Mr. Palmer.
2	Spiders	...	...	...	...	...	...	...	...	Mr. J. Sinclair.
3	"	...	...	...	...	...	...	...	...	Mr. J. Woodbridge.
<i>Crustacea.</i>										
1	Scylla serrata	...	...	...	...	...	...	...	...	Mr. J. Assenheim, jun.
1	Penæus sp.	...	...	...	...	...	...	...	...	Mr. G. Eastway.
2	Lobsters	...	...	...	...	...	...	...	...	Mr. W. Glover.
1	Parasitic crustacean	...	...	...	...	...	...	...	...	Mr. J. G. Lodwidge.
1	Hyastenus diacanthus	...	...	...	...	...	...	...	...	Mr. H. Somers.
1	Penæus sp.	...	...	...	...	...	...	...	...	Dr. Ward.
2	"	...	...	...	...	...	...	...	...	Mr. J. Woodbridge.
1	Lepas hilli, Leach	...	...	...	...	...	...	...	...	Mr. F. King.
<i>Echinodermata.</i>										
1	Strongylocentrotus erythrogrammus	...	...	...	...	...	...	...	...	Mr. R. Harris.
8	Amblypneustes sp.	...	...	...	...	...	...	...	...	Mr. J. G. Lodwidge.
1	Centrostephanus rogersi	...	...	...	...	...	...	...	...	Mr. Wm. Steers.
1	Sea star	...	...	...	...	...	...	...	...	Captain Young.
1	Sarcoptilus grandis	...	...	...	...	...	...	...	...	Dr. Craig-Dixon.
<i>Vermes, &c.</i>										
1	Planarian worm	...	...	...	...	...	...	...	...	Mr. Chas. Forrest.
1	Eunice sp.	...	...	...	...	...	...	...	...	Mr. R. A. Glasscock.
1	Gordius sp.	...	...	...	...	...	...	...	...	Mr. E. Reeve.
1	Planarian worm	...	...	...	...	...	...	...	...	Mr. T. Scanlon.
1	"	...	...	...	...	...	...	...	...	Mr. W. B. Walker.
<i>Zoophyta, Spongida, &c.</i>										
3	Sponges	...	...	...	...	...	...	...	...	Dr. J. C. Cox.
1	Skeleton of gorgonia	...	...	...	...	...	...	...	...	Mr. W. Forsyth.
1	Coral from Fiji	...	...	...	...	...	...	...	...	Ven. Archdeacon King.
4	Dendrophylla nigrescens	...	...	...	...	...	...	...	...	Mr. C. M. Woodford.
<i>Mollusca.</i>										
1	Mud oyster growing on boat's rowlock, Port Jackson	...	...	...	...	...	...	...	...	Mr. Saml. Brownett.
2	Unio ambiguus, Queensland	...	...	...	...	...	...	...	...	} Dr. J. C. Cox.
2	Melania denisonensis, "	...	...	...	...	...	...	...	...	
	Collection of land and marine shells from New Caledonia	...	...	...	...	...	...	...	...	Mr. Koch.
1	Aplysia sp., Port Jackson	...	...	...	...	...	...	...	...	Mr. J. G. Lodwidge.
1	Solarium lævigatum, Richmond River, New South Wales	...	...	...	...	...	...	...	...	Mr. N. Lockyer.
1	Anthracopharus krefftii, Camden, New South Wales	...	...	...	...	...	...	...	...	Hon. James Norton, M.L.C.
2	Ostrea malleus, Brisbane Water, New South Wales	...	...	...	...	...	...	...	...	Mr. J. F. Parr.
1	Octopus tetricus, Hawkesbury River, New South Wales	...	...	...	...	...	...	...	...	Mr. Wm. Roller.
	Collection of land and marine shells, Philippine and South Sea Islands.	...	...	...	...	...	...	...	...	Miss Stephen.
3	Gibbus lyonetianus, Mauritius	...	...	...	...	...	...	...	...	Mrs. Geo. Taylor.
2	Unio delphinus, Malay Archipelago	...	...	...	...	...	...	...	...	} Rev. J. E. Tenison-Woods.
1	" subtrigonus, Siam	...	...	...	...	...	...	...	...	
1	Patella testudinaria, Philippine Islands	...	...	...	...	...	...	...	...	
2	Natica fluctuata, "	...	...	...	...	...	...	...	...	
		...	...	...	...	...	...	...	...	
<i>Minerals, &c.</i>										
	Orthoceras from Ivanhoe	...	...	...	...	...	...	...	...	Mr. K. H. Bennett.
	Cimolite	...	...	...	...	...	...	...	...	Mr. J. G. Bagot.
	Deposit of carbonate of lime on fresh-water plants	...	...	...	...	...	...	...	...	} Mr. Chas. Cropper.
	A nodule of ferruginous sandstone, with nucleus	...	...	...	...	...	...	...	...	
	Chalcedony pseudomorph, after pisolitic limestone	...	...	...	...	...	...	...	...	} Mr. W. Cumberland.
	Bismuth ochre	...	...	...	...	...	...	...	...	
	Tin crystal	...	...	...	...	...	...	...	...	} Messrs. Dudley & Baker.
	Cobaltiferous oxide of manganese, and serpentine...	...	...	...	...	...	...	...	...	
	Auriferous and argentiferous gossan	...	...	...	...	...	...	...	...	} Messrs. Eady and party.
	Auriferous and argentiferous ores	...	...	...	...	...	...	...	...	

Specimen.	Donor.
<i>Minerals, &c.—continued.</i>	
Gem sand from diamond-fields at Mittagong	Mr. J. P. Fisher
Arsenical pyrites	Mr. J. J. Finn.
Auriferous and argentiferous ores, including gossan, cerussite, anglesite, pyromorphite, chloride of silver, gold, &c.	Mr. R. Hellyer.
6 Opals	Mr. F. F. Hoddinott.
Quartz crystals	Mr. M'Cooley.
Sandstone nodules	Mr. R. Male.
2 Specimens quartz, with gold	Messrs. Moss and party.
Various eruptive rocks and copper ore	Mr. L. Nicholson.
17 Specimens of eruptive and metalliferous rocks, including chlorite, copper pyrites, and arsenical pyrites	
Alluvial sand	Mr. Pender.
Magnetic iron	
Zircon (red), &c.	
Titanic iron	
Olivine (green)	
Axinite crystals	
Chabasite	
Molybdenite	
Tin-ore crystals	
Zircons	
Hyalite	Mr. D. A. Porter.
Diorite	
Mesotype in granite	
Stalactitic manganese ore	
Stibnite	
Titanic iron	
Analcite and chabasite	
Albite	
Hornblende crystals	
Specimens of copper ore	
Agate pebble	Mr. E. A. Rennie.
Auriferous quartz with mispickel	Mr. E. M. Ryan
Copper pyrites	Mr. F. Ratte
Galena	Mr. Steverlynek
Azurite	
A collection of rocks and minerals, illustrating the mode of occurrence of the diamond, with section of diamondiferous ground	Mr. J. W. Stone.
Cast of a large diamond	Mr. H. E. Stephenson.
Copper ore	
Iron ore	
Galena	
Collection of minerals	Mr. H. Smithurst.
Arragonite, in basalt	Mr. Scarr.
Alluvial gold, washdirt and decomposed granite	Mr. S. Sinclair.
Auriferous pyrites in quartz and burnt sand	
Dendritic gold in arsenical pyrites	Mr. Jack Smith.
Dendritic gold in serpentine	
2 Specimens of eruptive rocks	Mr. G. Troy.
2 Specimens of copper pyrites and gold	Mr. M. Walsh.
Crystal of tin-stone	
Quartz, with chlorite schist and pyrites	Mr. Woodford.
Pebbles of pink and white and pink limestone	
Graphite	Mr. Chas. Wooller.
Fluor spar	Mrs. E. Selkirk.
Silicified wood	
Calcareous deposit	
Myeline and other minerals	
Black sand, composed mostly of titanite iron with zircons	Mr. Richardson.
<i>Fossils.</i>	
Leaves (Daphnogene sp.)	Mr. W. Cumberland.
11 specimens fossil fish	Mr. A. Harber.
29 Permo-Carboniferous Brachiopoda, from Bowen River Coal-field, N.Q.	Mr. R. L. Jack.
34 Permo-Carboniferous Brachiopoda, from Mount Britton, N.Q.	
Fossil nut (concretion)	Mr. C. Kent.
Fern (Cycadopteris scolopendrina)	
Fish (Myriolepis sp.)	Mr. Kershaw.
Phacops caudatus	
Lower jaw of Nototherium	Mr. J. M'Master.
12 Specimens Permo-Carboniferous Brachiopoda	Mr. A. L. Morrisett.
1 Bivalve—Carboniferous	
1 Slab Brachiopoda	Mr. L. Nicholson.
Slab of stone showing fossils, viz., Gervillia, Trigonia, Ammonites, &c.	Hon. R. H. D. White.

Specimen.										Donor.
Ethnology.										
Antiquities from Egypt										Egypt Exploration Fund.
1 Tomahawk	...	...	}	Bundaburah Creek, N.S.W....				...	Mr. A. B. Ferrie.	
1 Hammer	...	...						...		
1 Piece of tappa	...	...						...		
2 Native dresses	...	...	}	British New Guinea				...	Rev. W. Wyatt Gill.	
1 Piece of native cord...	...	...						...		
1 Girdle worn (anciently) by women after confinement to support and compress the abdomen. Manihiki, Harvey Group of Islands										Rev. W. Wyatt Gill.
3 Stone implements	...	...	}	New South Wales				...	Mr. M'Cooley.	
6 Boomerangs	...	...						...		
1 Shield	...	...						...		
9 Nulla nulla	...	...						...		
1 Food bowl from Solomon Islands										Lieut. Roche, R.N.
1 Tomahawk	...	...	}	South Australia				...	Mr. H. Shaw.	
1 Stone for pounding grass seed	...	...						...		
1 Stone axe	...	...					...	Mr. H. E. Stephenson, J.P.		
1 Spear...	...	...	Viti or Fiji Islands				...	Mr. Thomas Steel.		
1 Etruscan armlet about 2,500 years old										Mr. R. H. D. White.
1 Stone axe from Junee, N.S.W.										Mr. Robt. Whitley.
Botanical.										
1 Net fungus										Miss Agnes Copeland.
1 Ball-nut fungus (Ileodictyon gracile)										Mr. Fry.
1 Sample of gum										Mr. J. S. Skeet.
2 Ball-nut fungus (Ileodictyon gracile)										Mr. G. Twemlow.
Medals.										
1 Bronze medal—commemorative of the reception of H.R.H. Prince Albert Victor of Wales on the occasion of his receiving the Freedom of the City										Corporation, City of London.
1 Bronze medal										Indian and Colonial Exhibition Commissioners.
1 Diploma										
Historical.										
Historical relics										Mr. E. E. Lovett.
Invitation Ticket, dated 12th July, 1814, to a dinner given by the officers of the late Royal British Volunteers to the non-commissioned officers and men										Mr. H. Small.
Old newspaper—"London Packet," November, 1805										Mr. A. Stevens.
4 Old French bank notes, 1792-93										Mr. W. H. Vosper.
Miscellaneous.										
Hair-ball taken from sheep										Mr. B. B. Banes.
Echidna eggs										Mr. C. Cropper.
Books for the Library.										
1 Catalogue of the Library										Linnean Society of London.
Catalogues of Books in the Departments of Zoology, Mineralogy, and General Library										Trustees of the British Museum.
Catalogue of Fossil Mammalia. Part 4										
Various other Catalogues										
Official Record N.Z. Industrial Exhibition...										N.Z. Institute and Colonial Museum.
Transactions, vol. 19										
Brown: Manual of N.Z. Coleoptera. Parts 1-4										
Royal Commission—Conservation of Water, 1, 2, 3 Reports										
Proceedings, Geographical Society of Australasia...										
Census of Plants of N.S.W. Moore, 1884...										
Railway Guide, 1886										Government Printer, Sydney.
Reports on Geological Surveys, 1851, &c.										
Reports on Lord Howe Island										
Spruson on Norfolk Island										
Curr's Australian Race										Government Printer, Melbourne.
Annual Report, 1884 (in 2 parts)										Smithsonian Institute, Washington.
Annual Report, 1885-6										Indian Museum, Calcutta.
Lydderker: Catalogue of Pre-historic Vertebrata										
Proceedings, 1871 to 1886										Academy of Natural Sciences, Philadelphia.
Catalogue of Library										University of Sydney.
Calendar, 1887										
Trochidæ and other Genera of S.A. Part 1										J. Brazier.
Sundry Exhibition Catalogues										
Supplement to Catalogue, 1888										Free Public Library, Sydney.
Reports, 1885-6-7										

Specimen.	Donor.
<i>Books for the Library—continued.</i>	
Proceedings, 1882	Royal Society of N.S.W.
" 1886	The Auckland Institute.
Report for 1886-7	University of Bonn.
Inaugural Dissertations, 1886	N.S.W. Commission, Colonial
Official Catalogue of Exhibits from the Colony	and Indian Exhibition.
Report of the Royal Commission	Geological and Natural History
Annual Report (new series, vol. 1)	Survey of Canada.
Dawson: Fossil Plants of the Devonian and Upper Silurian	Museum of Comparative Zoo-
" Report on Fossil Plants	logy, Harvard University.
Annual Report of the Curator, 1886-7	Geological Survey of India.
Records, vols. 19 and 20	Department of Mines, Mel-
Murray: Geology and Physical Geography of Victoria	bourne.
Mueller: Vegetable Fossils of the Auriferous Drifts	Department of Mines, Sydney.
Gold-fields of Victoria: Reports of Mining Registrars; Reports of Mining	Highland and Agricultural
Surveyors, &c.	Society of Scotland.
Annual Report, 1886	Royal Society of Victoria.
Transactions, vol. 19	B. Quaritch, London.
Transactions and Proceedings, vol. 23	Royal Cornwall Polytechnic Society.
Catalogues of Books	Queensland Government.
54th Annual Report	Royal Colonial Institute, London.
O'Donovan: Catalogue of the Parliamentary Library	Musee Royal d'Hist. Nat. de
Proceedings, vol. 18	Belgique.
Bulletin, tome 4	Vereins fur Naturkinde, Cassel.
Annales, tome 13	Ornithologsichen Vereines, Vienna.
Festschrift zur Feier seines fünfzig jähren bestehens	Wagner Free Institute, Philadelphia.
Mittheilungen, 1886	Royal Society of Queensland.
Transactions, vol. 1	Royal Society of Tasmania.
Proceedings, vol. 3	Royal Society of S.A.
Proceedings, 1884 and 1886	Linnean Society of N.S.W.
Register of Papers	The Publishers.
Transactions and Proceedings, 1877-1887	Asiatic Society of Japan.
Proceedings, vol. 2	Senckenbergische Naturforschende
List of Contributors	Gesellschaft, Frankfurt A.M.
Fauna und Flora des Golfes von Neapel, Mon. 13 and 14	New York Academy of Sciences.
Transactions, vol. 15	Biological Society of Washington.
Berichte, 1886-7	School of Mines, Ballarat.
Transactions, vol. 5	J. Bracebridge Wilson, Geelong.
Proceedings, vol. 3	President, Wellington Philoso-
Annual Report, 1886	phical Society.
Macgillivray: Marine Polyzoa of Victoria	S. S. Saunders.
Anniversary Address....	Museum of Science and Art,
Three new Fig Insects; Sir S. S. Saunders... ..	Edinburgh.
Report, 1886	Zoological Society, Philadelphia.
Annual Report, 1886-7	Public Museum, Milwaukee.
Annual Report, 1886-7	Public Library Museums and
Reports, 1885-6	National Gallery of Victoria.
Report, 1886-7	Museum of S.A.
Notes on Geological Map of Gumeracha and Mount Crawford Gold-fields	S.A. Government.
Report on Uooloo Gold-field	Queensland Museum.
Geological Map	Government Central Museum,
Report, 1886	Madras.
Reports, 1885-6 and 1886-7	Plants reputed Poisonous and Injurious to Stock; by F. M. Bailey and
Plants reputed Poisonous and Injurious to Stock; by F. M. Bailey and	P. R. Gordon
P. R. Gordon	List of his Scientific Writings; Rev. J. E. Tenison-Woods
List of his Scientific Writings; Rev. J. E. Tenison-Woods	Notes on some Australian Polyzoa; T. Whitelegge
Notes on some Australian Polyzoa; T. Whitelegge	Report of the Ornithologist, 1886; C. H. Merriam
Report of the Ornithologist, 1886; C. H. Merriam	The summit plates in Blastoids, &c.; C. Wachsmith and F. Springer
The summit plates in Blastoids, &c.; C. Wachsmith and F. Springer	Gold Ornaments from the U.S. of Columbia; G. F. Kunz
Gold Ornaments from the U.S. of Columbia; G. F. Kunz	Six Pamphlets; W. Haacke
Six Pamphlets; W. Haacke	Catalog der ausstellung de Westlichen Sudsee; Otto Finsche
Catalog der ausstellung de Westlichen Sudsee; Otto Finsche	Lehrmittel fur Volkerkunde—Gesichtsmasken von Volkertypen der
Lehrmittel fur Volkerkunde—Gesichtsmasken von Volkertypen der	Sudsee; Otto Finsche
Sudsee; Otto Finsche	Canoes und Canoebau in den Marshall Inseln; Otto Finsche
Canoes und Canoebau in den Marshall Inseln; Otto Finsche	Hausbau, Hauser, und Siedelungenan der sudostkuste von der Neu
Hausbau, Hauser, und Siedelungenan der sudostkuste von der Neu	Guinea; Otto Finsche
Guinea; Otto Finsche	The Authors.

APPENDIX VI.

EXCHANGES.

Received from—	Forwarded to—
The Geographical Society of Australia.	
Birds :—6 species—6 specimens.	Collecting material.
Mr. James Dall, New Zealand. (5, 37.)	
Mammals :—1 species—1 specimen.	Birds :—35 species—36 specimens.
Birds :—16 species—21 specimens.	Birds' Eggs :—14 species—27 specimens.
Birds' Eggs :—A few specimens.	Mollusca :—84 species—227 specimens.
Insecta :—A few specimens.	Minerals :—4 species—5 specimens.
Mollusca :—A small collection.	
Echinodermata :—5 species—5 specimens.	
Queensland Museum, Brisbane. (19.)	
Birds :—2 species—2 specimens.	Casts :—18 specimens.
Fishes :—1 species—2 specimens.	
Hospital for Insane, Gladesville. (30.)	
Birds :—1 species—2 specimens.	Sundries.
L. Taizanowski, Warsaw. (36.)	
Birds :—87 species—102 specimens.	
Royal Museum, Florence (Italy). (28.)	
Fishes :—32 species—34 specimens.	Zoophytes :—2 species—56 specimens.
	Ethnology—106 specimens.
Tasmanian Museum, Hobart. (1, 10, 22, 34.)	
Fishes :—13 species—17 specimens.	Reptiles :—3 species—3 specimens.
Fossils :—40 species—115 specimens.	Fishes :—8 species—8 specimens.
	Skeletons :—4 species—4 specimens.
	Casts :—20 specimens.
	Ethnology :—1 specimen.
	Bottles (stoppered) :—3 dozen.
	Tubes (glass) :—2 dozen.
Mr. R. H. Newman, Tumut. (8.)	
Minerals :—Specimens of ores and rocks.	Books :—8 catalogues.
Mr. B. Dunstan, Sydney. (7.)	
Fossils :—A collection.	Minerals :—30 specimens.
Mr. F. M'Knight, Melbourne. (14.)	
Fossils :—5 species—18 specimens.	Fossils :—10 specimens.
Mr. E. W. Thompson, Sydney. (26.)	
Fossils :—20 species.	Minerals :—Sent in 1888.
Mr. George Blackmore, Sydney. (25.)	
Minerals :—17 specimens.	Minerals :—24 specimens.
Mr. J. Waterhouse, West Maitland. (24.)	
Fossils :—57 species.	
Natural History Museum, Newcastle-on-Tyne. (11.)	
	Mollusca :—21 specimens.
Royal Museum, Brussels. (21.)	
	Casts :—18 species—20 specimens.
Linnaea Naturhistorisches Institut, Berlin.	
Return to be made in 1888.	Mammal :—1 species—1 specimen.
Zoological Station, Naples. (4.)	
	Mammals :—4 species—4 specimens.
	Fishes :—6 species—6 specimens.
Professor Parker, Dunedin. (18.)	
	Mammal :—1 species—1 specimen.
Public Library, Art Gallery, and Museum of South Australia, Adelaide. (9.)	
	Birds :—2 species—3 specimens.
	Fish :—1 species—1 specimen.

Received from—	Forwarded to—
	British Museum, London. (21.)
	Mollusca :—1 species—60 specimens. Echinodermata :—2 species—2 specimens. Zoophyta :—1 species—3 specimens. Actinozoa—7 species—7 specimens.
	Stavenger Museum, Norway. (29.)
Collection of Norwegian birds.	Birds :—23 species—27 specimens.
	Zoological Society, London. (31.)
Specimens formerly received.	Birds :—1 species—2 specimens (alive).
	Academy of Natural Science, Philadelphia. (33.)
Books—Proceedings.	Books—Various publications.
	Mr. H. Seebohm, London. (40.)
Large collection of birds received in 1883.	Birds :—19 species—36 specimens.
	Professor H. A. Ward, New York. (41.)
Returns promised.	Echinodermata :—9 species—57 specimens.
	Educational Museum, Tokyo, Japan. (42.)
Fishes, &c., promised.	Birds :—125 species—169 specimens.
	The University, Sydney. (27.)
	Mammals :—2 species—2 specimens. And sundries, for anatomical purposes.
	The N.S.W. Commissioners of the Adelaide Jubilee Exhibition. (16, 17.)
	7 mounted groups of birds, &c. 22 mounted specimens of marsupials. 27 mounted specimens of birds. 3 mounted specimens of reptiles.

APPENDIX VII.

ADDITIONS TO THE MUSEUM LIBRARY, 1887.

Reg. No.	Book.
CLASS A.	
2217-18	Hudson (C. T.) and Gosse (P. H.) The Rotifera ; or, Wheel Animalcules. 1 vol. text. 1 vol. plates. London, 1886. 2 vols. 4to.
2219-23	Gwyn Jefferies (J.) British Conchology ; or, an Account of the Mollusca which inhabit the British Isles and the Surrounding Seas :— Vol. 1—Land and Fresh-water Shells. London, 1862. Vol. 2—Marine Shells. London, 1863. Vol. 3 " " 1865. Vol. 4 " " 1867. Vol. 5 " " 1869. 5 vol. 8vo.
2234	Sowerby (J. de C.) and Lear (Ed.) Text by J. S. Gray. Tortoises, Terrapins, and Turtles, drawn from life. London, 1872. 4to.
2235-6	Sowerby (J.) and Sowerby (G. B.) The Genera of Recent and Fossil Shells, for the use of Students. London, 1820-25. 2 vol. 8vo.
2241	Leuckart (R.) Trans. by W. E. Hoyle. The Parasites of Man. Edinburgh, 1886. 8vo.
2246-52	Bertkau (Philipp). Bericht über die Wissenschaftlichen Leistungen im Gebiete der Entomologie. Berlin, 1846-84. 7 vols. 8vo.
2257	Bertkau (Philipp). Bericht über die Wissenschaftlichen Leistungen im Gebiete der Entomologie. 1838-45. Berlin, 1840-47. 1 vol. 8vo.
2258-9	Marshall (G. F. L.) and Niceville (L. de.) The Butterflies of India, Burmah, and Ceylon. Calcutta, 1882-6. 2 vols. 8vo.
2296	Tryon (G. W.) Manual of Conchology ; Structural and Systematic, with Illustrations of the Species. Vol. 8, Naticidæ, &c. Philadelphia, 1886. 8vo.
2297	Tryon (G. W.) Manual of Conchology ; Structural and Systematic, with Illustrations of the Species. Second series. Vol. 2, Zonitidæ. Philadelphia, 1886. 8vo.
2342	Bewick (T.) A General History of Quadrupeds. Newcastle-on-Tyne, 1790. 8vo.
2349	Gray (J. E.) Synopsis of the Species of Whales and Dolphins in the Collection of the British Museum. London, 1868. 4to.

Reg. No.	Book.
CLASS A— <i>continued</i> .	
2351-3	Lischke (C. E.) Japanische Meeres Conchylien. Ein Beitrag zur Kenntniss der Mollusken Japans mit Besonderer Rücksicht auf die Geographische verbreitung derselben. 1st, 2nd, 3rd Theil. Coloured plates. Cassel, 1869-1874. 3 vols. 4to.
2354	Corse (John). Observations on the Different Species of Asiatic Elephants and their mode of dentition. 1799. 4to.
2335	Tomes (John). On the structure of the Dental Tissues of the order Rodentia. 1850.
	Tomes (John). On the Structure of the Dental Tissues of Marsupial Animals, and more especially of the Enamel. 1849. In 1 vol. 4to.
2363	Miall (L. C.) and Denny (A.) The Structure and Life History of the Cockroach (<i>Periplaneta Orientalis</i>), an introduction to the Study of Insects. London and Leeds, 1886. 8vo.
2364	Pfeiffer (L.) and Clessin (S.) Nomenclator Heliceorum Viventium. Cassellis, 1878. 8vo.
2365	Blyth (E.) Enlarged by W. B. Tegetmeier. The Natural History of e Cranes. London, 1881.
	Coues (E.) U.S. Northern Boundary Commission. Natural History. No. 1. On the Muridæ. Philadelphia, 1874. In 1 vol. 8vo.
2367	Allen (H.) Smithsonian Miscellaneous Collections. No. 165. Monograph of the Bats of North America. Washington, 1864. 8vo.
2368	Wallace (A. R.) Various papers (9).
	Clarke (J. W.) On the Eared Seals of the Auckland Islands. 1873. In 1 vol. 8vo.
2369	Cuvier (Baron G.) The Animal Kingdom, arranged according to its organisation. A new Edition, with Additions by W. B. Carpenter and J. O. Westwood. Wood and steel engravings. London, 1849. 8vo.
2372	Gould (John). Introduction to the Trochilidæ, or Family of Humming Birds. London, 1861. 8vo.
2373	Gould (John). A Century of Birds from the Himalaya Mountains. London, 1832. Imp. fol.
2410	Gould (John.) A Monograph of the Trochilidæ or Family of Humming Birds, completed after the author's death by R. B. Sharpe. Supplement, coloured plates. London, 1887. Fol.
2377	Tugwell (Rev. Geo.) A Manual of the Sea Anemones commonly found on the English Coast. London, 1856. 8vo.
2378-9	The Gardens and Menagerie of the Zoological Society delineated:— Quadrupeds, vol. 1. 1830. Birds. 1831. 2 vols. London, 1830-1. 8vo.
2404	Bleeker (P.), Works on Ichthyology by. Vol. 1 contains 22 papers.
2405	Vol. 2 contains 9 papers.
2406	Vol. 3 contains—Enumeratio speciemum piscium hucusque in Archipelago Indico observaturum petro Equite a Bleeker. Batavia, 1859. Ichthyologia Archipelagi Indici prodromus petro Equite a Bleeker. Batavia, 1860. 4to.
2412	Römer (Eduard.) Monographie der Molluskengattung Venus Linné. Band II. Cassel, 1864. 4to.
2416-7	U.S. Commission of Fish and Fisheries. Goode (G. B.), Editor. Fisheries and Fishery Industries of the United States. Section 1, Natural History of useful Aquatic Animals. Text 1 vol. Atlas with 277 plates, 1 vol. Washington, 1884. 2 vols. 4to.
2429-33	Shaw (G.) General Zoology:—Vol. 1 part 2, vol. 2 part 1, vol. 3 part 1, vol. 4 parts 1 and 2. 5 vols. 8vo.
2434	Brown (Captain Thos.) The Book of Butterflies and Moths. London, 1843. 12mo.
2435	British Birds. The Water Birds. Religious Tract Society. London. 12mo.
2451-76	Systematisches Conchylien Cabinet von Martini und Chemnitz. 26 vols. 4to. Band I Abt. 12— <i>Helix</i> , by L. Pfeiffer; <i>Anostoma</i> , by Fischer; <i>Boysia</i> , by L. Pfeiffer; <i>Tomigerus</i> , by Spix; <i>Proserpina</i> and <i>Streptaxis</i> , by Gray. „ 12— <i>Helix</i> , IV Theil, by L. Pfeiffer. „ 13— <i>Bulimus</i> , <i>Partula</i> , <i>Achatinella</i> , <i>Achatina</i> , and <i>Azeca</i> , by L. Pfeiffer. „ 14— <i>Clausilia</i> , by C. H. Kuster; 15— <i>Pupa</i> , <i>Vertigo</i> , <i>Megaspira</i> , <i>Balea</i> , and <i>Tornatellina</i> , by C. H. Kuster. „ 15A— <i>Cylindrella</i> , by L. Pfeiffer; 16— <i>Carychium</i> , <i>Scarabus</i> , <i>Auricula</i> , and <i>Jamina</i> , by C. H. Kuster. „ 17— <i>Physa</i> , and <i>Planorbis</i> , by S. Clessin; 17B— <i>Limnæus</i> , <i>Amphipeplea</i> , <i>Chilina</i> , <i>Isidora</i> , and <i>Physopsis</i> , by C. H. Kuster. „ 18— <i>Trochatella</i> , <i>Helicina</i> , and <i>Lucidella</i> , by L. Pfeiffer; 19— <i>Cyclostoma</i> , <i>Choanopoma</i> , <i>Cyclophorus</i> , <i>Leptopoma</i> , <i>Megalomastoma</i> , <i>Pupina</i> , <i>Callia</i> , <i>Pomatias</i> , <i>Aulopoma</i> , <i>Craspedopoma</i> , <i>Myxostoma</i> , <i>Pterocyclos</i> , <i>Acicula</i> , <i>Geomelania</i> , <i>Hydrocena</i> , <i>Cataulus</i> , <i>Diplommantina</i> , by L. Pfeiffer. „ 20— <i>Ampullaria</i> , by R. A. Philippi; 21— <i>Paludina</i> , <i>Hydrocena</i> , and <i>Valvata</i> , by C. H. Kuster; 22— <i>Rissoa</i> , and <i>Rissoina</i> , by H. C. Weinkauff. „ 23— <i>Paludinella</i> , by C. H. Kuster; 24— <i>Melania</i> and <i>Melanopsis</i> ; 25— <i>Paludomus</i> , by A. Brot.

Reg. No.	Book.
CLASS A— <i>continued</i> .	
2451-76	Systematisches Conchylien Cabinet von Martini und Chemnitz— <i>continued</i> .
	Band II Abt. 1—Natica, and Amaura; 2—Turbo, by R. A. Philippi.
	„ 3—Trochus, and Xenophora; 4—Delphinula, Scissurella, Globulus, Rotella; 5—Phasianella, Bankivia, and Lacuna; 6—Adeorbis, Skenea, Orbis, and Fossarus; 7—Solarium; 8—Risella, by R. A. Philippi.
	„ 9—Litorina, by C. H. Kuster and R. A. Philippi; 10—Neritina; 10A—Navicella, by E. von Martens.
	Band III Abt. 1A—Buccinum, Purpura, Concholepas, and Monoceros; 1B—Cassis, Cassidaria, Oniscia, Dolium, Eburna, and Harpa, by C. H. Kuster.
	„ 1C—Buccinum II Theil, Eburna, Buccinum, Volutaharpa, Buccinopsis, Neobuccinum, by W. Kobelt; 1E—Ricinula, by C. H. Kuster.
	„ 2—Murex, Ranella, Triton, Trophon, and Hindsia, by C. H. Kuster and W. Kobelt.
	„ 3A—Turbinella, Fasciolaria, by H. C. Kuster; 3B—Ficula, Bulbus, Tudicla, Busycon, Neptunea, Euthria, and Fusus, by W. Kobelt.
	Band IV Abt. 1—Strombus, Pterocera, Rostellaria, and Chenopus, by C. H. Kuster; 2—Conea; 3—Dibaphus, by H. C. Weinkauff.
	Band V Abt. 1—Olivia; 1A—Ancillaria, by H. C. Weinkauff; 2—Terebra, Mitra, Voluta, and Cymbium, by C. H. Kuster.
	„ 3—Cyprea, and Ovula; 4—Marginella, and Erato, by H. C. Weinkauff.
	Band VI Abt. 1—Sigareta; 1A—Haliotis, by H. C. Weinkauff.
	Band IX Abt. 1—Anodonta, by S. Clessin.
	„ 2—Unio, Hyria, Margaritana, Monocondylaea, and Dypsas, by C. H. Kuster.
	„ 3—Cycladea, Pisidium, Sphaerium, Cyrena, Corbicula, Batissa, Velorita, Limosina, Calyculina, by S. Clessin.
	Band X Abt. 2—Cardium, and Isocardia; 3—Donax, and Iphegenia, by E. Römer.
	„ 4—Tellina, by E. Römer.
	Band XI Abt. 1—Veneracea, Cyprina, Cytherea, Sunetta, Dosinia, Cyclina, Lucinopsis, Venus, Saxidomus, Venerupis, Clementia, Lucina, Fimbria, Galatea, by L. Pfeiffer; 2—Mactracea, by H. C. Weinkauff.
2499	Code of Nomenclature and Check list of North American Birds adopted by the American Ornithologists' Union. New York, 1886. 8vo.
2500	Harting (James Ed.) British Animals extinct within historic times, with some account of British Wild White Cattle. London, 1880. 8vo.
2557	Krefft (Gerard). Catalogue of the Minerals and Rocks in the Collection of the Australian Museum. Sydney, 1873. 8vo.
2563	Krefft (Gerard). The Snakes of Australia; an illustrated and descriptive Catalogue of all the known species. Sydney, 1869. 4to.
2669	Another copy.
2689	Another copy. Coloured plates.
2502	Another copy. Coloured plates.
2503	Bonaparte (C. L.) Conspectus Generum Avium. Tomes I and II. Lugduni, Batavorum, 1850 and 57.
	Finsch (O.) Index to Bonaparte's Conspectus Generum Avium. Lugduni, Batavorum, 1865. In 1 vol. 8vo.
2554	Scott (A. W.) Mammalia recent and extinct; an elementary treatise for the use of the Public Schools of N. S. Wales. Sec. B.—Pinnata. Sydney, 1873. 8vo.
2555	Another copy. Paper cover.
2556	Another copy. Paper cover.
2558	Cox (James C.) A Monograph of Australian Land Shells. Coloured plates. Sydney, 1868. 8vo.
2561	Bennett (Geo.) Observations on the Snakes and the Lizards resembling Snakes, and on Birds destructive to reptiles in New South Wales. 8vo. [See Australian Almanac, 1883.]
2571	Tenison-Woods (Rev. J. E.) Fish and Fisheries of New South Wales. Photographs. Sydney, 1883. 4to.
2582	Pères de la Compagnie de Jésus—Memoires concernant l'Histoire Naturelle de l'Empire Chinois. 3 parts in 1 vol. 4to. Chang-hai, 1880-85. Cahier 1. R. P. Heude. Memoire sur les Trioujx, 1880. R. P. C. Rathouis. Etude sur le Coccus-pe-la. 1880. Cahier 2 and 3. R. P. Heude. Notes sur le Mollusques terrestres de la Vallée du Fleuve-bleu. 1882, 1885.
2598	Broun (Captain Thomas). Manual of New Zealand Coleoptera. Parts 1-4. Wellington, 1880-86. 8vo.
2651	Duncan (P. Martin). The Transformations of Insects. 3rd Ed. London, n.d. 8vo.
2652	Wagler (Joannes). Systema Avium, with MS. Table des Genres. Stuttgartiæ and Tubingæ. 1827. 8vo.
2653	Knip (Madame—née Pauline de Coureellas). Les Pigeons. 87 coloured plates. Text by C. J. Themnick. Paris, 1811. Imp. fol.
2654	Bennett (J. W.) A selection of Rare and Curious Fishes found upon the coast of Ceylon, from drawings made in that Island and coloured from life. London, 1851. 4to.
2659-60	Darwin (Charles). The Variation of Animals and Plants under Domestication. 2nd Ed. London, 1885. 2 vol. 8vo.

Reg. No.	Book.
CLASS A— <i>continued</i> .	
2665	Darwin (Charles). The Descent of Man and Selection in relation to Sex. 2nd Ed. London, 1885. 8vo.
2666	Wall (Wm. S.) Description of the Skeleton of a New Sperm Whale, lately set up in the Australian Museum, with some account of a new genus of Sperm Whales called Euphysetes. Sydney, 1851. 8vo.
2676	Australian Museum. Descriptive Catalogue of the Medusæ of the Australian Seas. Part 1, Scyphomedusæ. Part 2, Hydromedusæ. R. von Lendenfeld. Sydney, 1887. 8vo.
2681	Sowerby (G. B.) Illustrated Index of British Shells. 2nd Ed. London, 1887. R. 8vo.
2682	Nott (J. Fortune). Wild Animals photographed and described. London, 1886. 8vo.
2683	Coues (Elliott). Key to North American Birds. 2nd Ed., with which are incorporated General Ornithology, an outline of Structure and Classification of Birds, and Field Ornithology, a Manual of collecting, preparing, and preserving birds. London, 1884. 8vo.
2684	Marschall (Comite Augusto de). Nomenclator Zoologicus, continens nomina systematica generum avium tam viventium quam fossilium. Sub auspiciis C. R. Societatis Zoologico-Botanicae. Vindobonæ, 1873. 8vo.
2685	Ray Society—Cameron (Peter). Monograph of the British Phytophagous Hymenoptera. Vol. I. London, 1882. 8vo.
2693	Marshall (A. Milnes) and Hurst (C. Herbert). A Junior Course of Practical Zoology. 1887. 8vo.
2695	Cope (Ed. D.) Synopsis of the Extinct Batrachia, Reptilia, and Aves of North America. (Trans. Amn. Phil. Soc., vol. XIV., new ser.) Philadelphia, 1870. 8vo.
2771	Fowler (Rev. W. W.) The Coleoptera of the British Islands. Vol. I. Adephaga-Hydrophilidæ. London, 1887. 8vo.
2772	Cistula Entomologica. Vol III, parts 26, 27, 28, 29.

CLASS B.

2408	Quatrefages (A. de). Introduction a l'Etude des Races Humaines. Paris, 1887. 8vo.
2444	Moore (Chas.) A Census of the Plants of New South Wales. Sydney, 1884. 8vo.
2559	Catalogue of the Natural and Industrial Products of New South Wales forwarded to the Paris Universal Exhibition of 1867. Sydney, 1867. Contains (among other papers):— Woods Indigenous to New South Wales. Bennett (Geo.) Introduction and cultivation of the Orange. Tebbutt (John), junr. Progress and present state of Astronomical Science in New South Wales. 8vo.
2567	Haddon (Alfred C.) An Introduction to the Study of Embryology. London, 1887. 8vo.
2658	Darwin (Charles). The various contrivances by which Orchids are fertilised by Insects. 2nd Ed. London, 1885. 8vo.
2659-60	Darwin (Charles). The Variation of Animals and Plants under Domestication. 2nd Ed. London, 1885. 2 vol. 8vo.
2661	Darwin (Charles). The Movements and Habits of Climbing Plants. London, 1885. 8vo.
2662	Darwin (Charles). The different Forms of Flowers on Plants of the same species. London, 1884. 8vo.
2664	Darwin (Charles). The effect of Cross and Self Fertilisation in the Vegetable Kingdom. 2nd Ed. London, 1878.

CLASS C.

2240	Davison (S.) The Discovery and Geognosy of Gold deposits in Australia. London, 1860. 8vo.
2341	Geological Survey of Illinois. Vol. 3. A. H. Worthen—Geology. F. B. Meek & A. H. Worthen—Palæontology. Illinois, 1868. 4to.
2348	Burmeister (H.) Die Labyrinthodonten aus dem Bunter Sandstein von Bernsburg. Abt 1. Trematosaurus. Berlin, 1849. 4to.
2350	Coues (E.) and Allen (J. A.) U.S. Geological Survey of the Territories. Monographs of North American Rodentia. Washington. 4to.
2360	Dawson (J. W.) Acadian Geology. The geological structure, organic remains, and mineral resources of Nova Scotia, New Brunswick, and Prince Edward Island. 3rd Ed. Map, illustrations, and supplement. London, 1878. 8vo.
2376	Dawson (J. W.) Fossil Men and their Modern Representatives. London, 1883. 8vo.
2361	Reade (T. M.) The Origin of Mountain Ranges. Plates. London, 1886. 8vo.

Reg. No.	Book.
CLASS C— <i>continued.</i>	
2366	Memoirs of the Geological Survey of the United Kingdom. Figures and Descriptions of British Organic Remains. Dec. X. London, 1861. Huxley (T. H.) Preliminary Essay on the Systematic Arrangement of the Fishes of the Devonian Epoch. Dec. XII. London, 1866. Huxley (T. H.) Illustrations of the Structure of the Crossopterygian Ganoids. In 1 vol. 8vo.
2370	Miller (S. A.) American Palæozoic Fossils. A catalogue of the Genera and Species. Cincinnati: Ohio, 1877. 8vo.
2401	Zirkel (Ferdinand). Lehrbuch der Petrographie. Band I, II. Bonn, 1866. 8vo.
2402	Zirkel (Ferdinand). Untersuchungen über die Mikroskopische Zusammensetzung und Structur der Basaltgesteine. Bonn, 1870. Zirkel (Ferdinand). Die Mikroskopische Beschaffenheit der Mineralien und Gesteine. Leipzig, 1878. In 1 vol. 8vo.
2403	Lasaulx (A. von). Einführung in die Gesteinslehre. Breslau, 1886. „ Das Erdbeben von Herzogenratham, am 22 Oct., 1873. Bonn, 1874. „ Das Riesige und das Winzige in der Geologie. Bonn, 1872. „ Der Streit über die Entschung des Basaltes. Berlin, 1869. In 1 vol. 8vo.
2407	Meunier (Stanislas). Encyclopedie Chimique. M. Fremy. Tome II, Metalloides. Appendice Meteorites. Paris, 1884. 8vo.
2409	Agassiz (L.) Monographie des Poissons Fossiles du Vieux Grès rouge ou Système devonien (Old Red Sandstone) des iles Britanniques et de Russie. Neuchatel, 1844. 4to.
2418	Meyer (H. von) and Plienniger (H.) Beiträge zur Paläontologie Württembergs enthaltend die Fossilen Wirbelthierreste, &c. Stuttgart, 1844. Impl. 4to.
2419	Lindström (G.) On the Silurian Gastropoda and Pteropoda of Gotland. Stockholm, 1884. 4to.
2420	Ettingshausen. (Constantin F. von.) Die Genetische Gliederung der Flora Australiens. Wien, 1875. 4to.
2421	Meyer (H. von). Reptilien aus der Steinkohlen Formation in Deutschland. (p. p. 60 to 220). Taf. VIIIa to XXIII. Frankfurt A.M., 1857. 4to.
2422	Rosenbusch (H.) Mikroskopische Physiographie der Mineralien und Gesteine. Band I. Die Petrographisch Wichtigen Mineralien. Stuttgart, 1885. 8vo.
2425	Rosenbusch (H.) Die Steiger Schiefer und ihre Contactzone an den Graniten von Barr. Andlan und Howald. Strassburg, 1877. 8vo.
2423	Lasaulx (A. v.) Aus Irland. Reiseskizzen und Studien. Bonn, 1878. 8vo.
2424	Lasaulx (A. v.) Sicilien; Ein Geographisches charakterbild. Bonn, 1879. „ Das Erdbeben von Herzogenrath. Am, 24 June, 1877. Bonn, 1878. „ Elemente der Petrographie. Bonn, 1875. 8vo.
2426-7	Dagincourt (Dr.) Annuaire Géologique Universel, et Guide du Géologie autour du Monde. Paris, 1885-6. 2 vols. 8vo.
2436-7	Phillips (John) Manual of Geology, Theoretical and Practical. Ed. by R. Etheridge and H. G. Seely. 2 vols. 8vo. London, 1885. Part 1. Physical Geology and Palæontology. H. G. Seely. Part 2. Stratigraphical Geology and Palæontology. R. Etheridge.
2477	Dawson (J. W.) Air-breathers of the Coal period: A Descriptive Account of the remains of Land Animals found in the Coal formation of Nova Scotia. Montreal, 1863. 8vo.
2498	Boricky (Eman.) Elemente einer neuen Chemisch-Mikroskopischen Mineral und Gesteins analyse. Prag, 1877. Boricky (E.) Petrologische Studien an den porphyr-gesteinen Böhmens. Prag, 1882. In 1 vol. 8vo.
2547	Lesquereux (Leo). Second Geological Survey of Pennsylvania. Report of Progress. P. Description of the Coal Flora of the Carboniferous Formation of Pennsylvania and throughout the United States. Vols. I and II bound together.
2548	Atlas. Harrisburg, 1879-80. 2 vols. 8vo.
2559	Catalogue of the Natural and Industrial Products of New South Wales forwarded to the Paris Universal Exhibition of 1867. Sydney, 1867. Clarke (Rev. W. B.) On the Sedimentary Formations of N.S.W. Keene (Wm.) New South Wales Coal-fields. Krefft (G.) Fossil remains of Mammals, Birds, and Reptiles from the Caves of Wellington Valley. 8vo.
2561	Keene (W.) Our Coal-fields. (See Australian Almanac for the year 1863.)

Reg. No.	Book.
CLASS C— <i>continued.</i>	
2564	Hochstetter (F. von) and Petermann (A.) Geological and Topographical Atlas of New Zealand. Six Maps of the Provinces of Auckland and Nelson. Auckland, 1864. 4to.
2565	Geology of New Zealand: In explanation of the Geographical and Topographical Atlas. Trans. by Dr. C. F. Fischer. Auckland, 1864. 8vo.
2568	Smyth (R. Brough). The Gold-fields and Mineral Districts of Victoria. Melbourne, 1869. R. 8vo.
2601	Lydekker (Richard). Catalogue of the Pleistocene and Pre-historic Vertebrata in the Indian Museum. Lydekker (Richard). Catalogue of the Seivalik Vertebrata in the Indian Museum. Part 1.—Mammalia. Part 2.—Aves, Reptiles, Pisces. Calcutta, 1885-6. In 1 vol. 8vo.
2610	Murray (Reg. A. F.), Victoria. Geology and Physical Geography. Melbourne, 1887. 8vo.
2612	Annales du Musée. P. J. Van Beneden— Description des Ossements. Fossiles des Environs d'Anvers. Partie 5.—Cetaces. Texte Bruxelles, 1886. Fol.
2613	Planches. Bruxelles, 1886. Imp. fol.
2615	Geological Survey of New South Wales (Department of Mines). David (T. W. Edgeworth). Geology of the Vegetable Creek Tin-mining Field, New England District, N.S.W. Maps and sections. Sydney, 1887. 4to.
2655	Darwin (Charles). Geological observations on the Volcanic Islands and parts of South America visited during the Voyage of H.M.S. "Beagle." 2nd Ed. London, 1876. 8vo.
2663	Darwin (Charles). The Formation of Vegetable Mould, through the action of Worms, with observations on their habits. London, 1883. 8vo.
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2671	Wachsmuth (Chas.) and Springer (Frank). Revision of the Palæocrinoidea (Pro. Acad. Nat. Sc., 1880-86.) 8vo.
2679	Dixon (Fred.) The Geology and Fossils of the Tertiary and Cretaceous Formations of Sussex. London, 1850. 4to.
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2686	Bowerbank (J. S.) Monograph of the British Spongiadæ. Edited, with additions, by Rev. A. M. Norman. Vol. IV. Supplementary. London, 1882. 8vo.
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2703-4	Murchison (Rodk. I.), Verneuil (Ed. de), and Keyserling (Count Alexr. von). The Geology of Russia in Europe and the Ural Mountains. London and Paris, 1845. 2 vols. 4to.
2705-6	Bronn (H. G.) Index Palæontologicus oder übersicht der bis jetzt bekannten Fossilen Organismen, unter mitwirkung der H. R. Göppert, und H. von Meyer bearbeitet von H. G. Bronn. Stuttgart, 1848-9. 2 vols. 8vo.
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2710-3	Rénault (B.) Cours de Botanique Fossile fait au Museum d'Histoire Naturelle. Années I-IV. Paris, 1881-5. 4 vols. 8vo.
2714	Geinitz (Hans Bruno). Dyas oder die Zechstein formation und das Rothliegende mit beitragen. R. Eisel, R. Ludwig, A. E. Reuss, R. Richter. Heft 1 and 2. Leipzig, 1861-2. 4to.
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2716-8	Mojsisovics (E. von.) und Neumayer (M.) Beiträge zur Paläontologie Oesterreich-Ungarns, und des Orients. Band 1-V. Wien, 1882-7. 3 vols. 4to.
2719	Nathorst (A. C.) Nouvelles Observations sur des Traces d'Animaux et autres Phénomènes d'Origine purement mécanique decrits comme. "Algues Fossiles" (Kongl. Svenska Vetenskaps-Akademiens Handlingar Bd. 21, No. 14). Stockholm, 1886. 4to.

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2724-6	Giebel (C. G.) Fauna der Vorwelt mit steter Berücksichtigung der lebenden Thiere. Leipzig, 1847-56. Bd. 1, Ab. 1. Sängthiere „ 1, „ 2. Vogel and Amphibien. „ 2, „ 1. Insecten and Spinnen. „ 3, „ 1. Cephalopoden.
2727	Unger (E.) Genera et Species Plantarum Fossilium. Vindobonae, 1850. 8vo.
2728	Blainville (H. Ducrotay de). Mémoire sur les Bélemnites considérées zoologiquement et géologiquement. Paris, 1827. 4to.
2729	Pusch (George Gottlieb). Polens Paläontologie. Stuttgart, 1837. 4to.
2730	Geinitz (Hans Bruno). Die Versteinerungen der Grauwackenformation in Sachsen und den Angrenzenden Länder-Abtheilungen. Heft 1 and 2. Leipzig, 1852-53. 4to.
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2769	Mueller (Baron F. von). Observations on New Vegetable Fossils of the Auriferous Drifts. Dec. 1, 2. (Geol. Sur., Vict.) Melbourne, 1874 and 1883. 4to.
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2587-8	Conservation of Water—Royal Commission— Second, Third, and Final Reports. Diagrams and Plans. Sydney, 1887. 2 vols. Fol.
2256	Berliner Entomologische Zeitschrift:— Band, 28. 1884. 1st and 2nd Heft. Berlin, 1884. „ 29. 1885. „ 1885. 8vo.
2257	Bericht über die Wissenschaftlichen Leistungen im Gebiete der Entomologie:— 1838. Berlin, 1840.
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2269	Bailey (F. M.) and Gordon (P. R.) Plants reputed Poisonous and Injurious to Stock. Brisbane, 1887. 8vo.
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2294	Buckler (W.) Ray Society. Volume for 1886. The Larvæ of British Butterflies and Moths. Edited by H. T. Stainton. Vol. 2. London, 1887. 8vo.
2295	Royal Cornwall Polytechnic Society. 53rd Annual Report, 1885. Falmouth. 8vo.
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2343	The Zoological Journal. London. Vols. I to V. 1825-35. Coloured plates. 5 vols. 8vo.
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2416	U.S. Commission of Fish and Fisheries.
2417	Goode (B. G.) Fisheries and Fishery Industries of the United States. Section 1. Natural History of useful Aquatic Animals. Text and Atlas, with 277 plates. Washington, 1884. 2 vols. 4to.
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2742	Comptes Rendus. Tome CV. Paris, 1887. 4to.
2743	Zoologischer Anzeiger. Jahr. X. 1887. 8vo.

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2573	Musée Royal d'Histoire Naturelle de Belgique. Bulletin, Tome IV. 1886. Bruxelles, 1886. 8vo.
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2575	Deutsche Entomologische Zeitschrift. Jahrgang 30, (1886). Bericht, 1885. Berlin, 1886. 8vo.
2576	Berliner Entomologische Zeitschrift. Band 30, 1886. Berlin, 1886.
2577	Vereins für Naturkunde zu Cassel. Festschrift zur Feier seines fünfzigjährigen Bestehens. Cassell, 1886.
2578	Orinthologischen Vereines in Wien. Mittheilungen. Jahrgang, 1886. Wien, 1886. 4to.
2579-80	Universität zu Bonn. Inaugural and Philological Dissertations der Facultat der Rheinischen Friedrich Wilhelms Universität zu Bonn. Bonn, 1886. 3 vols. 8vo.
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2585	Lord Howe Island. Reports concerning (with maps and photographs) by— J. Bowie Wilson. H. Wilkinson—Geology. W. J. Conder—Survey. J. Duff—Botany. A. Morton—Fauna. Correspondence respecting removal of Resident Magistrate. Sydney, 1882. Fol.
2589	Colonial and Indian Exhibition, London, 1886. Official Catalogue of Exhibits from the Colony of New South Wales. Sydney, 1886. 8vo.
2592	Geographical Society of Australasia. Proceedings (with maps and illustrations). Special Vol., 1885.
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2593	Royal Society of Queensland. Proceedings. Vol. 3, 1886. Brisbane, 1887. 8vo.
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2611	Annales du Musée d'Histoire Naturelle de Belgique. Tome VII. Texte & Plates. Bruxelles, 1883. Fol.
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2614	Mines (Department of) New South Wales. Annual Report for 1886. Sydney, 1887. Fol.
2615	Geological Survey of N.S.W. (Department of Mines). David (T. W. Edgeworth.) Geology of the Vegetable Creek Tin-mining Field, New England District, N.S.W. (Maps and Sections). Sydney, 1887. 4to.
2616	Colonial and Indian Exhibition. London, 1886. Illustrated Hand-book of Victoria. Editor, Jas. Thomson. Melbourne, 1886, contains— Australia. By Joseph Bosisto. Victoria. By Julian Thomas. Facts and Figures. By H. H. Hayton. Agriculture. By John L. Dow. A Wine-producing country. By H. de Castella. Physical Geography and Geology. By R. A. F. Murray. Live Stock Husbandry. By Geo. A. Brown. Horticulture. By Wm. Elliott.
2617-32	Journal fur Ornithologie. Jahr. I, 1853 to Jahr. XV, 1867. And Extra Hft, 1853.
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2668	Smithsonian Institute. Annual Report for 1884. Part 2. Being Report of U.S. National Museum, 1884. Washington, 1885. 8vo.
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2678	Reports of the Mining Surveyors and Registrars. Quarter 31st March, 1883, to 31st March, 1884. Mineral Statistics of Victoria for the years 1883, 1884, 1885. Annual Report of the Secretary for Mines and Water Supply, 1884, 1885. Report, Chief Inspector of Mines, 1883, in 1 vol. fol. Melbourne. Fol.
2685	Ray Society. Cameron, (Peter.) Monograph of the British Phytophagous Hymenoptera. Vol. I. London, 1882. 8vo.
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2694	Annales des Sciences Naturelles. Zoologie et Paléontologie. 7me. Serie. Tome II. Paris, 1887. 8vo.
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 The Fossil Plants of the Devonian and Upper Silurian Formations of Canada. J. W. Dawson. Montreal, 1871. Part 2. Montreal, 1882.
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 Catalogue of Fiji Exhibits.
 Visitors' Companion, Sydney, &c. 8vo.
 2770 La Nature: Revue des Sciences et de leurs applications aux Arts et à l'Industrie. 15^e Anne, June-December, 1887. Paris, 1887. 4to.
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 2254 „ Atlas. Paris, 1846. Imp. fol.
 2341 Geological Survey of Illinois. Vol. 3.
 Worthen (A. H.) Geology.
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 2350 Coues (E.) and Allen (J. A.) U.S. Geological Survey of the Territories. Monographs of North American Rodentia. Plates. Washington.
 2374 Keate (Geo.) An Account of the Pelew Islands, in the Western Pacific Ocean. Composed from the journals and communications of Captain Hy. Wilson. Plates and charts. 2nd edition. London, 1788. 4to.
 2445 Railway Guide of New South Wales. 3rd edition. Sydney, 1886. 4to.

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CLASS E— <i>continued</i> .	
2501	Leach (Wm. Elford). <i>Malacostraca Podophthalmata Britanniae</i> ; or, Descriptions of such British Species of Linnean Genus Cancer as have their eyes on footstalks. Illustrated by Jas. Sowerby. London, 1815. 4to.
2547-8	Lesquereux (Leo). Second Geological Survey of Pennsylvania—Report of Progress. P. Description of the Coal Flora of the Carboniferous Formation of Pennsylvania and throughout the United States. Vols. 1 and 2 bound together; and Atlas. Harrisburg, 1879-80. 2 vols. 8vo.
2551-2	Polak (J. S.) Manners and Customs of the New Zealanders; with notes corroborative of their Habits, Usages, &c., and remarks to intending Emigrants. Woodcuts. (Map wanting.) London, 1840. 2 vols. 8vo.
2553	Jukes (J. Beete). A Sketch of the Physical Structure of Australia, so far as it is at present known. London, 1850. 8vo.
2559	Catalogue of the Natural and Industrial Products of New South Wales forwarded to the Paris Universal Exhibition of 1867. Sydney, 1867. Contains (amongst other Papers)— Woods Indigenous to New South Wales. George Bennett. Introduction and Cultivation of the Orange. John Tebbutt, jun. Progress and Present State of Astronomical Science in New South Wales.
2560	Another copy.
2561	Peppercorn (Fred S.) Historical Sketch of Inland Discovery in Australia. Part 3. See Australian Almanac, 1863.
2570	Ridley (Rev. Wm.) Kamilaroi and other Australian Languages. Sydney, 1875. 4to.
2584	New South Wales: Exploration of the Caves and Rivers of New South Wales. Minutes, Reports, Correspondence. Accounts, Plans, Photographs. Sydney, 1882. Fol.
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2667	Conigrave (John Fairfax). South Australia: A Sketch of its History and Resources. A Handbook compiled for the Colonial and Indian Exhibition, London, 1886. 2nd edition. London, 1886. 8vo.
2672	Spruson (J. J.) Norfolk Island: Outline of its History from 1788 to 1884. Compiled by J. J. Spruson. Sydney, 1885. 8vo.
2673	Another copy. 8vo.
2674	Another copy. 8vo.
2691-2	Guillemard (F. H. H.) The Cruise of the "Marchesa" to Kamschatka and New Guinea, with notices of Formosa, Lin-kin, and various Islands of the Malay Archipelago. London, 1886. 2 vols. 8vo.
2736-9	Curr (Ed. M.) The Australian Race: Its Origin, Languages, Customs, place of Landing in Australia, and route by which it spread itself over that Continent. Melbourne, 1886. 3 vols. 8vo. 1 vol. fol.

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2230-2	Sands (J. & Co.) 1886. The New Atlas of Australia: Queensland, South Australia, Western Australia. 3 vols. fol.
2292	Murray (Jas. A. H.) A New English Dictionary on Historical principles. Part 3. Batter-Boz. Oxford, 1887. 4to.

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2356-9	Manuals for Natural History Collectors in 4 vols., 12mo. London, 1885-7:— 1. Gray (P.) and Woodward (B. B.)—Sea-weeds, Shells, and Fossils. 2. Skuse (F. A. A.) British Stalk-eyed Crustacea and Spiders. 3. Bagnall (J. E.) Handbook of Mosses. 4. Holmes (E. M.) and Gray (P.) British Fungi, Lichens, and Mosses. 5. Kirby (W. F.) British Butterflies, Moths, and Beetles. 6. Butler (E. A.) Pond Life: Insects. 7. Jewitt (L.) English Coins and Tokens—with a Chapter on Greek and Roman Coins, by B. V. Head.
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2362	Roberts (Chas.) The Naturalist's Diary: A Day-book of Meteorology, Phrenology, and Rural Biology. London, 1886. 8vo.
2371	Holgate (C. W.) An Account of the Chief Libraries of Australia and Tasmania. London, 1886. 8vo.
2375	Brannt (W. T.) and Wall (W. H.) Techno-chemical Receipt Book, edited chiefly from the German. Philadelphia and London, 1886. 8vo.
2559	Catalogue of the Natural and Industrial Products of New South Wales, forwarded to the Paris Universal Exhibition of 1867. Sydney, 1867. 8vo. Contains (among other papers)— Woods Indigenous to New South Wales. Introduction and Cultivation of the Orange—G. Bennett. Progress and present state of Astronomical Science in New South Wales—John Tebbutt, jun.
2561	Australian Almanac for the year 1863. Sydney, 1863. Contains— Bennett (Geo.) Observations on the Snakes and the Lizards resembling Snakes, and on Birds destructive to Reptiles in New South Wales. Peppercorn (Fred. S.) Historical Sketch of Inland Discovery in Australia. Part 3. Keene (W.) Our Coal-fields.
2562	Australian Almanac for the year 1871. Contains— The Intercolonial Exhibition of 1869–70.
2656	Darwin (Charles). The Origin of Species by means of Natural Selection. 6th edition. London, 1886. 8vo.
2506	Inaugural Dissertations, University of Bonn. 1886.
2550	Crooks (William). Select Methods of Chemical Analysis (chiefly inorganic). 2nd ed. London, 1886. 8vo.

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2299. Pamphlets. 8vo. vol. 21. 1887.
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- 2775—Pamphlets. 8vo., vol. 22, 1887. Contains—
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- 2777—Pamphlets. Folio, vol. VI, 1887. Contains—
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 Queensland Museum. Report, 1886.
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APPENDIX VIII.

REPORTS OF SCIENTIFIC ASSISTANTS.

ICHTHYOLOGICAL DEPARTMENT.—J. Douglas Ogilby, Assistant.—During the year the Museum has become richer by 640 specimens of fishes. Of these, 146 have been received as donations; 53 obtained by exchange with different museums, in which class a most valuable collection received from the Florence Museum, through Professor Giglioli, deserves special mention; 174 received from the Museum collectors, the greater part of which were brought from Lord Howe Island by Messrs. R. Etheridge and party; 115 obtained from the harbour by means of the trawl-net; and the remaining 152 obtained from different sources by purchase. Among the fishes received during the year, 13 have been described as new species.

ENTOMOLOGICAL

ENTOMOLOGICAL DEPARTMENT.—A. Sidney Olliff, Assistant.—During the past year 1,760 insects have been added to the collection, the various orders being represented as follows :—Lepidoptera, 865 ; Coleoptera, 845 ; Orthoptera, 30 ; Neuroptera, 10 ; and Homoptera, 10. Of these no less than 1,200 were contained in a collection purchased from Mr. G. Firth, Hamilton, New South Wales, which is by far the most important accession for the year. Besides many rarities, the collection comprised a fine series of lignivorous lepidoptera, mostly from the Hunter River District. Valuable donations were received from Messrs J. H. Rose, A. J. Gambell, C. Wensley, H. Smithurst, A. S. Peer, and others. Another important donation is the collection obtained by Mr. J. A. Millington in Norfolk Island, which formed the basis of a recent report on the insect fauna of that island ; the collection contained 35 species, and yielded no less than 11 new to science, of which the types have been added to the Museum collection. During the year about 350 species were collected for the Trustees, including a series of 20 species obtained by Mr. Etheridge and party in Lord Howe Island ; 40 species collected at Lithgow by Mr. Grant ; and 120 at Cassilis, New South Wales, by Mr. Olliff. Among these a considerable number are new to the Museum collection.

CONCHOLOGICAL DEPARTMENT.—John Brazier, Assistant.—During the year ending 31st December, 1887, a large number of specimens have been presented, the most interesting being by Miss Stephen, consisting of 1,500 specimens from all parts of the world, many of them quite new to the collection. The most important purchase was the collection of the late Hon. E. K. Cox, containing about 60 species and 2,000 specimens, a number of rare volutidæ being additions to the general collection in this department. Eighty-four species, numbering 226 specimens, have been sent away in exchange to New Zealand.

MINERAL DEPARTMENT.—F. Ratte, Assistant.—Forty donors, from various parts of the Colony, have contributed a number of specimens, estimated at about 250 ; and about 100 specimens, partly from New South Wales, have been acquired either by exchange or purchase, while about 150 specimens have been collected, mostly in the west. The Australian collection of minerals is intended to comprise from 10,000 to 15,000 specimens, and to be classified so that, by its means, information upon the geological constitution and mineral productions of any part of New South Wales, or even Australasia, could be easily obtained by visitors. There is, however, much to be done before this result can be attained. The general collection of minerals, which included already over 2,200 specimens, mostly from Europe and America, has been increased by 210 purchased specimens, some of which are of great rarity and value.

ETHNOLOGICAL DEPARTMENT.—J. Brazier, Assistant.—During the year a large number (1,157) of specimens have been purchased to fill up gaps in this department. Specimens have been secured from the Lachlan River, N.S.W. ; Harvey Group of Islands ; Rapanui, or Easter Island ; British New Guinea ; Solomon, Admiralty, New Ireland, New Britain, Gardiner's, Sir Chas. Harvey's, and Fischer's Islands ; New Zealand. We are expecting other large consignments from our collectors in Western Polynesia. The number of specimens presented during the year is only 28 from New South Wales, South Australia, and Manihiki Harvey Group.

PALÆONTOLOGICAL DEPARTMENT.—R. Etheridge, jun., Assistant.—Mr. Etheridge commenced his duties at the Museum on June 1st, 1887, and since that date the palæontological stores placed in the basement and uppermost gallery of the Museum have been dealt with, sorted, and relegated to their proper places in the collection, or systematically packed away for future study. The fine collections of Lower Carboniferous Plants from the neighbourhood of Stroud have been named, so far as the Palæobotanical literature to hand will permit. A systematic overhauling of the Australian Fossils has been commenced, with the view of separating the collection into three sets, viz., an exhibition set for the cases ; a study set, for working purposes ; and duplicates, for exchange. So far, the Silurian and Devonian have been dealt with, but as they are the least known of our fossils, the number of duplicates separated must, of necessity, be at present very limited. With the view of keeping these in the most readily-accessible form, a room has been set apart and shelved for their reception in wooden trays of a uniform size, and all duplicates have been placed there so far.

E. P. RAMSAY,
Curator.

APPENDIX IX.

Collection of Birds, &c., by Messrs. Cairn and Grant, from Bellenden Ker Ranges.

No. of Specimens.				No. of Specimens.			
<i>Accipiter cirrhocephalus</i>	...	...	1	<i>Chalcites minutus</i>	...	...	2
<i>Astur novæ-hollandiæ</i>	...	...	1	<i>Cuculus flabelliformis</i>	...	...	2
<i>Strix tenebricosa</i>	...	...	1	<i>Centropus phasianus</i>	...	...	5
<i>Eurystomus pacificus</i>	...	...	7	<i>Platycercus pennantii</i>	...	...	4
<i>Chibia bracteata</i>	...	...	7	<i>Tricohoglossus chlorolepidotus</i>	...	...	14
<i>Halcyon macleayi</i>	...	...	17	<i>multicolor</i>	...	...	3
<i>Aleyone pulchra</i>	...	...	2	<i>Aprosmictus scapulatus</i>	...	...	13
<i>Seythrops novæ-hollandiæ</i>	...	...	1	<i>Tallegalla lathamii</i>	...	...	2
<i>Tauysiptera sylvia</i>	...	...	2	<i>Lopholaimus antarcticus</i>	...	...	6
<i>Carpophaga assimilis</i>	...	...	5	<i>Dicaeum hirundinaceum</i>	...	...	9
<i>norfolciensis</i>	...	...	1	<i>Malurus cruentatus</i> ♂	...	...	12
<i>spilorrhoea</i>	...	...	2	" ♀	...	...	1
<i>Ptilopus superbus</i>	...	...	5	<i>Monarcha melanopsis</i>	...	...	8
<i>Macropygia phasianella</i>	...	...	5	<i>albiventris</i>	...	...	6
<i>Chalcophaps chrysochlora</i>	...	...	3	<i>Myiagra plumbea</i>	...	...	4
<i>Synoicus australis</i>	...	...	3	<i>Rhipidura dryas</i>	...	...	2
<i>Turnix varius</i>	...	...	2	<i>Arses kaupii</i>	...	...	5
<i>melanotus</i>	...	...	3	<i>Eopsaltria chrysorrhoa</i>	...	...	6
<i>Chalcites plagusius</i>	...	...	2	<i>nana</i>	...	...	5

	No. of Specimens.		No. of Specimens.
<i>Heteromias cinereifrons</i> ...	6	<i>Grancalus hypoleucus</i> ...	2
<i>Pachycephala melanura</i> ...	4	<i>Mimeta viridis</i>	1
„ <i>falcata</i> ...	4	<i>Calornis metalica</i> ...	10
<i>Sericornis citreogularis</i> ...	5	<i>Psephodes crepitans</i> (2 ad. 1 ♂)	3
<i>Zosterops cærulesens</i> ...	2	<i>Chimacteris leucopœa</i> ...	3
<i>Campephaga jardinii</i> ...	1	<i>Sittella striata</i>	4
„ <i>swainsonii</i> ...	2	<i>Estrela temporalis</i> ...	2
<i>Pitta assimilis</i> ...	13	<i>Megapodius tumulus</i> ...	2
<i>Orthonyx spaldingi</i> ...	22	<i>Meliornis sericea</i> ...	1
<i>Collyriocinla boweri</i> ...	14	<i>Myzomela sanguineolenta</i> ...	7
„ <i>parvissima</i> ...	2	„ <i>obscura</i> ...	1
<i>Scenopæus dentirostris</i> ...	33	<i>Ptilotis frenata</i> ...	8
<i>Ailurædus maculosus</i>	32	„ <i>notata</i> ...	1
<i>Sphecotheres flaviventris</i> ...	2	„ <i>macleayana</i> ...	1
„ <i>maxillaris</i> ...	1	<i>Casuarius Australis</i> ...	3
<i>Ptilorhis victoriae</i> ♂ ...	18		—
„ „ ♀ ...	8		397

MAMMALS.

Dry Skins.

In Spirits.

1 Hapalotis sp.	1 Halmaturus mastersii (<i>juv.</i>)
1 Dasyurus gracilis (<i>Ramsay</i>) <i>sp. nov.</i>	2 " " (<i>adult</i>).
5 Phalangista archeri (<i>Collett</i>).	1 Macropus <i>sp. nov.</i> (<i>adult</i>).
7 " johnstonei, (<i>Ramsay</i>) <i>sp. nov.</i>	5 Phalangista archeri.
1 " lemuroides (<i>Collett</i>).	1 Hipsiprymnodon moschatus.
1 " <i>sp. (nov. juv.)</i>	—
2 Halmaturus mastersii, (<i>Kreff</i> t).	34 specimens. 10 species.
6 " wilcoxi, (<i>Kreff</i> t).	1 dried female aboriginal.

E. P. RAMSAY,
Curator.

APPENDIX X.

PROGRESS REPORT, Lord Howe Island Collecting Party, August–September, 1887.

Sir,

Australian Museum, 25 September, 1887.

In compliance with your letter, No. 198, of August 22nd, 1887, instructing me to proceed to Lord Howe Island, in company with Messrs. Thorpe and Whitelegge, I have the honor to inform you that we left Sydney at 4:30 p.m. on that date, in the s.s. "Maitland," for Newcastle, arriving there at midnight, when we at once transshipped to the s.s. "Taupo," of the Union Steamship Co.'s line, and early on the morning of August 23rd proceeded direct for the Island.

We arrived at daybreak on August 25th, and immediately landed our baggage, arrangements for our accommodation being very kindly made by Mr. H. T. Wilkinson, the Visiting Magistrate, who was proceeding to Norfolk Island. I am also much indebted to one of the residents, Mr. T. B. Wilson, for the use of his store as a receptacle for our baggage and collections.

We commenced systematic collecting on the same date (August 25th), and were fortunate enough to secure what may perhaps be a new species of *Gerygone*. From August 25th to August 30th the weather was all that could be desired, and a large amount of work was accomplished by all members of the party. During this interval the northern portion of the island was thoroughly explored in relation to its avifauna and mollusca, both land and marine, Mr. Whitelegge also being fortunate in obtaining numerous specimens of land Planarians, probably five species in all. We devoted August 27th to an examination of the shore at the western foot of Mount Lidgbird and the south end of the Coral Reef, which commences at this point, passing in a north-westerly direction to join Phillip Point, at the northern extremity of the island. On this part of the reef we were highly successful in obtaining a number of Mollusca, Crustacea, Echinodermata, Corals, and a few Fish. We further devoted time to an examination of the Coral-rock Deposit, from which the remains of Sir Richard Owen's genus of extinct "horned lizard" (*Meiolania*) are derived, a subject which will be referred to later on.

On August 30th, we left our hut soon after daybreak, to ascend Mount Gower, 2,840 feet. The day was spent in examining the gullies and eastern slopes of Mount Lidgbird, and we were fortunate to meet with a new *Helix* and two new species of *Bythinella*. The whole of this part of Lord Howe Island is of a very inaccessible nature, composed of basaltic rocks, the surface much broken up, and covered with a dense palm and vine scrub, with here and there patches of tree-fern, the whole interspersed amongst a heavy growth of forest trees, and rendering examination and travelling very slow and tedious. Towards evening we arrived at the saddle uniting Mounts Lidgbird and Gower, and camped in Erskine Valley, on the west side of this divide. The remainder of the evening was spent by Mr. Thorpe and the guide in endeavouring to obtain specimens of the wood-hen (*Ocydromous sylvestris*); but during the entire day only one example was seen and shot, although we were now said to be in one of the chief haunts of this interesting and fast-decreasing bird. During the night the weather completely broke up, and the genial temperature of the previous days gave place to tempestuous squalls, heavy gales, and mist, which continued, with short intermissions, to within a day or two of our departure from the island. The next morning, August 31st, the whole of Mount Gower summit was enveloped in a thick mist, and taking into consideration the risky nature of the climb, it was deemed advisable, although with great regret, to abandon any further attempt at an ascent, especially as our time was limited.

On 1st September the party proceeded to the examination of Rabbit or Goat Island, a small eminence in the centre of the lagoon. The fauna was found to correspond with that of the main island, but

but we discovered a well-marked variety of the common *Helix* (*H. Sophieæ*), and also a variety of *Helix Catletti*, Brazier. It was further observed that, even at this early date, the "Mutton Birds" (*Puffinus sphenurus*) were coming in to scrape out their burrows, an example being captured.

On 5th September a trip was made by Mr. Thorpe and myself to Mutton Bird Point, on the south-east coast of the island, but the birds (*Puffinus*) had not taken up their residence there to any great extent at this time of the year, although specimens were captured. On the return journey we explored Blenkinthorpe Beach, and obtained examples of the burrowing crab (*Ocypoda ceratophthalma*, Pallas).

During the remainder of our stay, and on the dates alternating with those mentioned, the members of the party, either collectively or singly, pursued various branches of investigation. In this manner a number of interesting insects, two species of lizard, a quantity of land and fresh-water shells, and, as before stated, land planarians were obtained. In the two last-named groups Mr. Whitelegge's efforts were highly successful. He was likewise fortunate in determining the presence of a *Hymenosoma*, a marine genus of Decapoda, in the watercourse of a gully running from the north peak of the island, at a height of 150 feet above sea-level. On 28th August two shallow but interesting caves were explored by us in the Coral-rock of North Bay. We anticipated meeting with bats here, but in their place we encountered thousands of moths (*Dasypocia ymatodes*) clinging to the roofs, which were said to be blind, but are not so. We also procured an example or two of some poor stalactites.

The Coral Reef enclosing the lagoon on the west side, and some coral ledges at Ned's Beach on the east, were examined so far as the weather would permit. In fact the northern end of the former at North Bay, and its southern extremity under Mount Lidgbird, were thoroughly examined, but I regret to say the central, and probably most interesting portion, was for the reason stated left untouched. Mr. Whitelegge, I am exceedingly glad to state, found a specimen of the zoophyte, *Ceratella fusca*, Gray, of which the polyps have hitherto remained unknown, with these organs *in situ*, and protruded, and was able to kill them in that condition. On the ledges at Ned's Beach Mr. Thorpe met with a specimen of an *Echinoneus*, probably new, and Mr. Whitelegge afterwards found others. In his "Catalogue," Dr. Haswell does not assign a locality to the Decapod *Xanthodes atromanus*, Has., but it is more than probable that we have secured this species.

Dredging was attempted in the lagoon by Messrs. Unwin, Whitelegge, and myself, but this enclosed water appeared at this period of the year to be singularly unproductive of life. No attempt was made to dredge outside the reef. This would require much heavier gear than we were provided with, and the services of a steam launch would be indispensable.

On the 13th September Mr. Thorpe and myself visited the Admiralty Islets, having waited for some days for sufficiently calm weather to enable us to land. These rocks are veritable rookeries, and we were enabled to obtain a fine series of birds, including a large *Sula*. Eggs of *Sula*, *Onychoprion fuliginosa* and *Anous cinereus* were also secured.

The search for the remains of the Horned Lizard (*Meiolania*), one of the chief objects of the expedition, was vigorously carried out by the whole party. Numerous fragments of bones were found, and others obtained by purchase from the Islanders. The conditions under which these remains occur, however, convinced me very shortly after our arrival that their discovery is a pure matter of chance. The large superficial area of the Coral-rock in which the fossils are found, and the scrubby nature of the ground, preclude any well-regulated method of search at present. The majority of the specimens hitherto found, including the best and largest, have been met with quite accidentally during agricultural operations in the dark loamy soil which usually overlies the Coral-rock, and results from its decomposition and the surrounding basalt. Amongst the specimens obtained is the greater part of a pelvis, probably Lacertilian; two good tail-sheaths of *Meiolania platyceps*, Owen; portion of a Chelonian carapace; and a series of bones and fragments not yet determined. There are also some blocks of rock still to be developed which may yield good results.

I paid especial attention to the geology of the island, and have taken copious notes thereon, more especially as bearing on this interesting deposit of Coral-rock. I also visited the outcrop of basaltic rock on the beach, below Mr. Robins' house, containing veins and cubes of iron pyrites, which are said to contain 3 dwt. 14 gr. of gold, and silver 3 dwt., to the ton, and obtained specimens. Under the guidance of Captain T. Nichols, I also visited the beach on the west side of the island, between the Clear Place and Observatory Point, to inspect the stanniferous deposit said to exist there. The material pointed out to me I believe to be a basalt amygdaloid. It is stated that between 40 and 50 tons were shipped to Auckland, and found to contain 40 per cent. of tin. Examples of both the pyrites and amygdaloid have been assayed by Mr. Mengaye, at the Department of Mines (Geological Survey Branch), and have been found destitute of both metals. I found the physical topography of the charts so utterly unreliable and faulty (excepting, of course, the outline), that it was impossible to insert geological lines correctly without an actual survey, and I am greatly surprised to find that Mr. Wilkinson has succeeded in producing so accurate a geological map as he has, and I most cordially congratulate him on it.

I omitted to mention that attention was paid to line-fishing, especially by Mr. Thorpe, and a number of fish procured. I have also to record the success of Mr. Unwin in this branch, especially around the Admiralty Islets.

Careful and copious notes were taken of the zoology, especially as bearing on the locality, numerical condition, habits, &c., of the fauna, and information collected in respect to the introduced animals. It will give me much pleasure to embody this in a separate report, should the Trustees desire it.

In conclusion, I have to acknowledge the cordial assistance rendered to the party by the following residents:—Captain T. Nichols, Messrs. Langley, Robins, T. B. Wilson, W. Nichols, — Johnston, C. Stevens, and H. Wilson. Great acknowledgments are also due to Mr. C. H. Unwin, of the Chief Secretary's Office, who, although on a pleasure trip, volunteered to remain at Lord Howe Island, and render us assistance.

We again arrived in Sydney on the evening of 17th September. The accounts have already been handed to you.

I have, &c.,

R. ETHERIDGE, JUNR.

(In charge of Lord Howe Island Collecting Party).

The Curator, Australian Museum, Sydney.

Schedule

Schedule of Specimens obtained by the Lord Howe Island Collecting Party, July-August, 1887.

Mammalia—

Mus musculus, var.
Scotophilus morio, Gray.

Aves—

Ninox boobook, Latham.
Halcyon vagans, Lees.
Zosterops strenuus, Gould.
 „ *tephropleurus*, Gould.
Gerygone insularis, Ramsay.
 „ *Thorpei*, Ramsay (sp. nov.)
Merula vinitincta, Gould.
Rhipidura cervina, Ramsay.
Pachycephala gutturalis, Latham.
Aplonis fuscus, Gould.
Strepera crissalis, Sharpe.
Cuculus inornatus.
Chalcophaps chrysochora, Wagl.
Charadrius xanthocheilus, Gould.
Numenius uropygialis, Gould.
Limosa „ Gould.
Ocydromus sylvestris, Sclater.
Prion turtur, Smith.
Puffinus brevicaudus, Brandt.
 „ *sphenurns*, Gould.
Procellaria, sp.
Anous cinereus, Gould.
 „ *stolidus*, Latham.
Onychoprion fuliginosus, Gmel.
Sula Australis, Gould.

Reptilia—

Phyllodactylus Güntheri, Boul.
Lygosoma lichenigerum, O'Shaun.

Pisces—

Serranus Dæmeli, Günther.
Plectropoma cinctum, Günther.
Trachypoma macracanthus, Günther.
Arripis salar, Rich.
Apogon, sp.
Atypus strigatus, C. and V.
Scorpiæ æquipinnis, Rich.
Plesiops nigricans, Rüpp.
Girella cyanea, Macleay.
Chironemus marmoratus, Günther.
Scorpena, sp.
Pterois zebra, C. and V.
Pempheris, sp.
Caranx, sp.
Seriola Lalandi, C. and V.
Antennarius Commersoni, Lacép.
Gobius, sp.
Salarias, sp.
Tetragonurus Wilkinsoni, Macleay.
Myxus elongatus, Günther.
Diplocrepis, sp.
Pomacentrus, sp.
Pseudoscarus, sp.
Labrichthys luculentus, Rich.
 „ *inscriptus*, Rich.
PlatyGLOSSUS, sp.
Hemirhamphus, sp.
Scombrexox Forsteri, C. and V.
Gonorhynchus Greyi, Rich.
Clupea, sp.
Anguilla Australis, Rich.
Muraena nebulosa, Ahl.
 „ *afra*, Bl.
Ostracion diaphanus, Bl.
 „ sp.
Tetrodon, sp.
Solenognathus, sp.

Mollusca—

Spirula Peroni, Lamk.
Onychoteuthis Banksi, Leach.
Sepia, sp.
Fusus Hanleyi, Angas.
Ranella leucostoma, Lamk.
Nassa mucronata, A. Ad.

Nassa elegans, Kiener.
 „ *paupera*, Gould.
Purpura succincta, Martyn.
 „ „ var. *striata*.
 „ „ var. *textilosa*.
 „ *amygdala*, Kiener.
 „ *Smithi*, Braz (sp. nov.)
Cominella Tritoniformis, Blainv.
Ricinula morus, Lamk.
Sistrum chaidius, Duclos.
 „ *marginalba*, Blav.
Voluta nucleus, Lamk.
Columbella versicolor, Sby.
 „ *Tyleri*, Gray.
 „ *varians*, Sby.
 „ *Cumingi*, Reeve.
 „ sp.
Engina armillata, Reeve.
 „ *lineata*, Reeve.
Mitra scutulata, Chem.
 „ sp.
Vermetus, sp.
Cypræa erronea, Linn.
 „ *moneta*, Linn.
 „ *annulus*.
 „ *caput serpentis*, Linn.
 „ *staphylæa*, Linn.
 „ *felina*, Gray.
 „ *vitellus*, Linn.
Natica picta, Recluz, var.
Dolium variegatum, Lamk.
Scalaria perplexa, Pease.
Conus anemone, Lamk.
 „ *Hebræus*, Hwass.
 „ *coronatus*, Dillw.
 „ *capitaneus*, Linn.
 „ *vermiculatus*, Hwass.
Strombus floridus, Lamk.
 „ *luhuanus*, Linn.
Vertagus obeliscus, Brug.
Cerethium, sp.
Lampania Australis, Quoy.
Potamides ebeninus, Brug.
Littorina Diemensis, var *Mauritiana*, Lamk.
 „ *nodulosa*, Gmelin.
 „ *plicata*, Linn.
 „ *undulata*, Gray.
Planaxis mollis, Sby.
Hipponyx antiquata, Linn.
Nerita melanotragus, E. A. Smith.
Nerita antiquata, Rulz.
 „ *albicella*, Linn.
Turbo imperialis, Linn.
Trochus? sp.
Clanculus, sp.
Risella plicatula, Phil.
Thalotia, sp.
Haliotis, sp.
Patella tramsoserica, Martyn.
Scutus anatinus, Don.
Siphonaria denticulata, Q. & G.
Chiton, sp.
Acanthochites, sp.
Bulla ampulla, Linn.
Aplysia tigrina, Rang.
Pleurobranchus, sp.
Onchidium, sp.
Dolabrifera Brazieri, Sby.
Ianthina exigua, Lamk.
 „ *casta*, Reeve.
Helix Sophiae, Gask.
 „ „ var *conica*, Brazier (var. nov.)
 „ *Howinsulæ*, Cox.
 „ *Catletti*, Brazier.
 „ *Whiteleggei*, Brazier (sp. nov.)
 „ *textrix*, Pfr.
 „ *Lidgbirdi*, Brazier (sp. nov.)

Helix Balli, *Brazier* (sp. nov.)
 „ *Unwini*, *Brazier* (sp. nov.)
 „ *Wilkinsoni*, *Brazier* (sp. nov.)
Bulimus bivaricosus, *Gask.*
 „ *var cuniculoides*, *Cox.*
Helicarion Hilli, *Cox.*
Vitrina Etheridgei, *Brazier* (sp. nov.)
Tornatellina inconspicua, *Brazier.*
Simpulopsis Mastersi, *Brazier.*
Omphalotropis exquisita, *Pfr.*
 „ *Pfeifferi*, *Crosse.*
Realia, sp.
Diplommatina Macgillivrayi, *Pfr.*
 „ *capillacea*, *Pfr.*
 „ *Cantori*, *Pfr.*
Bythinella Whiteleggei, *Brazier* (sp. nov.)
 „ *Ramsayi*, *Brazier* (sp. nov.)
Ostrea, sp. *a.*
 „ sp. *b.*
Avicula fimbriata, *Reeve.*
 „ *malleoides*, *Reeve.*
Pinna.
Lima multicostata, *Sby.*
Modiola, sp.
Arca decussata, *Sby.*
 „ *divaricata*, *Sby.*
Pectunculus tenuicostatus, *Reeve.*
Chama, sp.
Tridacna elongata, *Lamk.*
Cardium unedo, *Linn.*
Lucina interrupta, *Lamk.*
Crassatella pulchra, *var Cumingi*, *A. Ad.*
Tapes literata, *Linn.*
Mesodesma glabrata, *Lamk.*
Mytilicardia variegata, *Brug.*
Polyzoa (Numerous specimens unnamed).
Tunicata (Numerous specimens unnamed).
Insecta—
Macrotoma gemella, *Pasc.*
Leptops, n. sp. ?
Blax Wollastoni, *White.*
Lamprima insularis, *Macleay.*
Scaraphites Macleayi, *Westw.*
Chlænienus peregrinus, *Cast.*
Lestignathus fugax, *Oll.*
Platynus, sp.
Harpalus, sp.
Promethis, n. sp. ?
Telephorus, n. sp. ?
Saragus exulans, *Pasc.*
 „ n. sp. ?
Dasypodia cymatodes, *Gn.*
Blatta, sp.
Eurycantha Australis, *Montr.*
Phaneroptera, sp.
Gryllotalpa Australis, *Er.*
Julus, sp.
Heterostoma, sp.
Crustacea—
Menæthius monoceras, *Lath.*
Lophactæa granulosa, *Rüp.*
Achæa tomentosa, *M. Edw.*
 „ *rugata*
 „ sp.
Xanthodes atromanus, *Hasw.*
Medæus, sp.
Etisus lævimanus, *Randall.*

Phymodius ungulatus, *M. Edw.*
Leptodius, sp.
Chlorodius niger, *Forsk.*
Ozius rugulosus, *Stimp.*
 „ sp.
Pilumnus, sp.
Actumnus tomentosus, *Dana.*
Trapezia cymodon, *Herbst.*
Neptunus pelagicus, *Linn.*
Thalamita prymna, *Herbst.*
 „ sp.
Ocypoda ceratophthalma, *Pallas.*
Grapsus variegatus, *Fabr.*
Planes minutus, *Linn.*
Paragrapsus quadridentatus, *M. Edw. ?*
Plagusia chabrus, *Linn.*
Leiolophus planissimus, *Herbst.*
Ranina dentata, *Latr.*
Petrolisthes, sp.
Alphæus Edwardsi, *Aud.*
Goniodactylus chiragra, *Fabr.*
Palinurus ornatus, *Fabr. ?*
 „ *Hugellii*, *Heller ?*
Ourozeuktes, sp.
Lepas anserifera, *Linn.*
 „ *pectinata*, *Spengler.*
Tetracita rosea, *Krauss.*

Annelida—

Rhynchodemus ? (5 or 6 species.)
Sipunculus, sp.
 Earth-worms (numerous specimens.)

Echinodermata—

Echinometra lucunter, *Leske.*
Strongylocentrotus tuberculatus, *Lamk.*
Centrostephanus rogersi, *A. Agass.*
Tripneustes angulosus, *Leske.*
Breynia australasie, *Leach.*
Echinoneus, sp.
Asterias calamaria, *Gray.*
Asterina calcar.
Linckia, sp.
Holothuria, sp.
 „ *vagabunda*, *Sel.*
Stichopus chlorosus, *Brandt.*
Cucumaria, sp.

Actinozoa—

Turbinaria, sp.
Cælaria dadælia, *E. and S. ?*
Styeophoria, sp.
Cyphastræa Bruggemanii, *Quelch.*
Turbinaria, sp.
Tubipora, sp.
Madrepora, sp.
Zoanthus, sp.
Polythoa, sp.
Spongodes, sp.
Aleyonium.
Anicella Australis, *Gray ?*

Hydrozoa—

Physalia utriculus, *Huxley.*
Velella, sp.

Protozoa—

Ianthella flabelliformis, *Gray.*
Cacospongia, sp.
Spongia officianalis, var.
Orbitulites complanatus.

H.—FOSSILS.

Reptilia—

Meiolania platyceps, *Owen.*
 Tail-sheaths, vertebræ, and numerous other fragments, not determined.

Chelonia—

Portions of a carapace, and other bones probably Chelonian.

1 a—E

Mollusca—

Bulimus bivaricosus var solidus, *Eth jnr.* (var. nov.)
Helix Sophiæ, from the Post Tertiary Coral-rock.

Aves—

Numerous fragments of bird bones, a skull, &c., representing at least two distinct birds.

K.

K.—ROCKS.

- a.* Examples of basalt Amygdaloid, supposed to contain tin. (*See Appendix M.*)
- b.* Basaltic rock, containing iron pyrites, supposed to be both auriferous and argenterous. (*See Appendix M.*)
- c.* Stalactites from North Bay Caves.

L.—SOILS.

- a.* Soil derived from the decomposition of basaltic rocks.
- b.* Soil derived from the same and the Coral-rock.
- c.* Soil derived from the decomposition of the latter only.
- d.* So-called "Guano."

The collections obtained by the expedition have been carefully examined, and named by the Museum staff in charge of the various departments.

E. P. RAMSAY,
Curator.