



[Supplement to the Australian Museum Report for 1888.]



1889.

NEW SOUTH WALES.

TECHNOLOGICAL, INDUSTRIAL, AND SANITARY MUSEUM.

(REPORT OF THE COMMITTEE OF MANAGEMENT FOR 1888.)

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, the Ninth Annual Report of the Committee of Management of the Technological, Industrial, and Sanitary Museum.

1. The business of the Museum has been conducted by the same Committee as in the previous year, namely,—Sir Alfred Roberts, M.R.C.S., E.; Robert Hunt, Esq., C.M.G., F.G.S.; and Professor Liversidge, M.A., F.R.S.

2. The Museum has continued open every afternoon (Good Friday and Christmas Day alone excepted) during the year 1888. A statement of the number of visitors for the year will be found in Appendix II of this Report. The attendance of visitors continues to fall off, though the diminution in number as compared with 1887 is not so great as the Committee had to regret in last year's Report.

3. The falling off of the attendance of the public is clearly attributable to the impossibility of examining the exhibits, owing to the crowded state of the building. The mere storage of the goods for exhibition has rendered it necessary to encroach very largely upon the floor space. Numbers of specimens are packed upon each other in the show-cases, and many of the latter stand upon each other. Numerous valuable exhibits are packed away and cannot at present be otherwise dealt with. Every possible precaution against danger from fire has been taken, but the Committee feel that no means which they can adopt in the present building would prevent the total destruction of the collection in case of fire breaking out. The Committee feel the more anxious while contemplating this probability as the Museum has already been totally destroyed by fire, and the consequences of a second conflagration would be far more serious to the interests of the Museum than even the first one was. The Committee have felt it their duty to wait upon the Minister for Public Instruction, and represent to him the very serious state of the Museum, and are assured that he will give it his most earnest attention.

4. The Committee have the pleasant duty to report that the acquisition of suitable specimens, both by donation and purchase, has been important during the past year. They particularly desire to notice the munificent gift of Messrs. Whitbread & Co., brewers, of London, of a beam engine, by James Watt, the celebrated natural philosopher and civil engineer, which, originally erected in 1785, has been working ever since, and was only pulled down in 1887 to make room for a larger one. It is believed that it is the best existing specimen of its kind, and it is accordingly of great historical interest. The Committee also take this opportunity of acknowledging their indebtedness to Mr. E. A. Cowper, the well-known engineer, of London, for the great assistance he gave in helping to secure this gift.

The Committee hope soon to be able to report the acquisition of a building in which this valuable educational exhibit can be suitably displayed; meantime, it has been stored in a dry warehouse, and every care has been taken of it.

Messrs.

Messrs. John Priestman & Co., Ashfield Mills, Bradford, Yorkshire, have generously presented a very valuable collection (in show-case) of merino wool in various stages of manufacture. This forms an imposing and instructive exhibit. The collection of raw wools (chiefly Australian) has received important additions during the past year, and the total exhibit of wools is one of the most useful and valuable in the Colonies. This has been secured through the generous co-operation of growers, and much labour on the part of Mr. Alfred Hawkesworth, Honorary Wool-classer to the Museum.

The Committee have to report the receipt of a further magnificent collection of specimens of economic botany from the Director of the Royal Gardens, Kew. The value of the gift cannot fully be estimated by the catalogue given in Appendix IV.

The Committee beg to add to this, their Report, the following Appendices :—

- I. Balance-sheet for the year ending 31st December, 1888.
- II. Attendance of visitors.
- III. List of specimens purchased.
- IV. List of specimens presented.
- V. List of specimens lent to the Museum.
- VI. List of books, periodicals, &c., purchased.
- VII. List of books, periodicals, &c., presented.
- VIII. List of diagrams, maps, &c., purchased.
- IX. List of diagrams, maps, &c., presented.
- X. List of specimens sent away in exchange.

The Common Seal of the Museum is affixed by order of the Board, this sixth day of August, 1889.

ALFRED ROBERTS,	} Members of Committee.
ROBERT HUNT,	
A. LIVERSIDGE,	

ALFRED STEPHEN, Crown Trustee.

J. H. MAIDEN,
Curator and Secretary.

APPENDIX I.

BALANCE-SHEET of the Technological Museum of New South Wales for the year ending
31st December, 1888.

RECEIPTS.		EXPENDITURE.	
	£ s. d.		£ s. d.
The Honorable the Treasurer—Vote for 1888	3,400 0 0	Salaries	1,036 7 9
Amount expended in London on behalf of this Museum by the Agent-General of New South Wales	0 8 0	Models, apparatus, and chemicals	102 12 7
	3,399 12 0	Show and other cases	180 5 6
		Bottles	126 3 0
		Furniture	28 2 6
		Stationery	33 8 8
		Freights	165 14 8
		Sundries	72 13 1
		Ironmongery	65 0 2
		Painters materials	19 15 6
		Timber	71 18 4
		Labels	150 0 0
		Advertising	6 5 0
		Books, maps, and diagrams	519 16 7
		Collecting specimens	252 6 11
		Uniforms	14 2 9
		Exchanges, postages, &c.	9 10 8
		Insurance	77 2 6
		Night watchman	100 0 0
		Purchase of specimens	256 14 4
		Additions to premises	13 2 2
		Mounting specimens	506 18 6
		Exhibitions	54 10 7
		Refunds	14 7 9
Total receipts	3,399 12 0	Total expenditure	3,874 16 6
Balance from 1888—		Balance to 1889—	
Union Bank	£1,079 14 2	Union Bank	£609 0 5
Cash in hand	4 19 8	Cash in hand	0 8 11
	1,084 13 10		609 9 4
	£ 4,484 5 10		£ 4,484 5 10

APPENDIX II.

ATTENDANCE (AFTERNOONS ONLY) OF VISITORS DURING 1888.

	Sundays.	Week-days.
January	1,473	4,392
February	894	2,409
March	1,057	2,414
April	1,375	2,046
May	1,084	2,042
June	1,094	2,259
July	1,243	1,627
August	950	1,569
September... ..	952	1,609
October	889	2,021
November... ..	657	1,789
December	825	1,914
	12,493	26,121
Total	38,614	
Largest Sunday attendance, January 20th	396	
Largest week-day attendance, January 26th	376	

APPENDIX III.
PURCHASES (SPECIMENS).

Museum No.	Date and Description.
ECONOMIC ZOOLOGY.	
February 15.	
18,035	Two dressed sides of Porpoise Leather, blackened and waxed on both sides, suitable for boot-laces.
February 16.	
18,032	Rough-tanned whole Whale Hide. Southern baleen Whale (<i>Megaptera australis</i>).
18,034b	Fine rough-tanned sides Australian Porpoise Leather (<i>Delphinus Forsteri</i>), dressed on grain side and buffed; suitable for boot-uppers.
18,033a	Fine rough-tanned sides Porpoise Leather; suitable for belt-laces for machinery.
May 1.	
18,323	Deerskin, tanned (Swinhoe's Deer, <i>Cervus Swinhoei</i>), Formosa.
June 29.	
18,551	Two Ivory Tusks of Narwhal (<i>Monodon monoceros</i>); length, 6 feet 3½ inches; width, 2½ inches (at base), 1 inch (at top). Both ends are sawn off; original length may have been 10 feet. Spiral in form; fine complete turns discernible. Have been used for bedposts.
ECONOMIC ENTOMOLOGY.	
Collection of Bee-keeping Appliances, as under:—	
January 31.	
17,828	Alley's Trap for excluding drones, and for retaining swarms.
17,829	Queen Cage "Pipe-cover," for enclosing a queen by pressing the cage into the comb upon some honey-cells.
17,830	Queen Travelling Cage. For sending queen bees through the post.
17,831	Bee Entrance Guard. To exclude drones from returning to their hive when flying out.
17,832	Traps for caging drones.
17,833	Honey-bottle, jar shape.
17,834	Eucalyptus Honey, one bottle.
17,835	Eucalyptus Honey, one can.
17,836	Capsule Screw-top Honey-bottles, two sizes.
17,837	Vegetable Parchment. For covering honey and preserved fruit.
17,838	"Perfection" Feeder. For regulating the supply of food to the bees when there is no honey to be gathered and it is desired to keep the queen laying.
17,839	Round Feeder. Used above the brood nest.
17,840	Simplicity Feeder.
17,841	Smokers, three sizes. For quieting bees by the use of smoke.
17,842	Bertrand's Fumigator. For fumigating bees with salicylic acid in cases of foul brood.
17,843	Spray Diffuser. Used for spraying bees with scented syrup before uniting, also for spraying combs affected with foul brood.
17,844	Dr. Clarke's Bee-keeper's Lotion. For bee stings.
17,845	Cheshire's Cure for Foul Brood.
17,846	Pure Salicylic Acid. Used for fumigating bees to cure foul brood.
17,847	Salicylic Acid and Borax. Used for medicating syrup for feeding bees, as a preventive against foul brood.
17,848	Heavy Artificial Comb Foundation. Used for placing in the frames to form the brood nest, and may be drawn out for extracting.
17,849	Light Artificial Comb Foundation. Used for bees just commencing work in the section-boxes to guide them in the direction to build their comb. Made from sheets of pure beeswax.
17,850	The Lever Foundation Fixer. For fixing foundation into section-boxes by pressure.
17,851	The Roller Foundation Fixer. For fixing foundation into frames and sections.
17,852	"Carlin" Wax-cutter. For cutting wax-comb foundation.
17,853	Cake of Beeswax; weight, 2 lb. 1 oz.
17,854	Wax-melter. This is a double-cased tin kettle. The outer reservoir holds hot water and the inner one contains the wax, which is thus kept in a liquid condition, and may be heated by being placed over a lamp or candle. The wax can be poured out slowly at the spout for cementing the combs or wax sheets so as to fix them in position within frames or sections.
17,855	Knife-beater. When uncapping the combs the knives should be used hot.
17,856	Honey-knives, Roots' large-size blade.
17,857	Honey-knives, Bingham pattern. For uncapping combs previous to extracting the honey.
17,858	Scraper-knife. For cleaning sections and hive.
17,859	Frame Block (for wiring). To hold the frames rigid while the wires are being stretched tightly across them.
17,860	Button-hook Wire-fixer. For pressing the wire into the comb foundation.
17,861	Tinned Wire. For wiring frames.
17,862	Frame Blocks. To hold frames square and true while being nailed.
17,863	Veils. To protect the face when manipulating bees.
17,864	The "Jones" Comb-holder. To hang at the side of the hive for receiving the first frame or two when manipulating.
17,865	Separator. For placing between the rows of sections to ensure a flat surface for the combs and an equal quantity of honey in each section-box.
17,866	Dove-tailed Section-boxes, 1-lb. size.
17,867	Block. For holding the sections square and true while they are being put together.
17,868	Uncapping Tin. Used for holding the comb while the cappings are being removed.

APPENDIX III—continued.
PURCHASES (SPECIMENS.)

Museum No.	Date and Description.
17,869	Travelling Honey crate. For section honey; 1-lb. size sections.
17,870	Queen Excluder, zinc. Spaces allow worker bees to pass through, but will prevent the queen or drones from passing.
17,871	Solar Wax-extractor. For smelting wax by the heat of the sun.
17,872	Ant-proof Hive-stand. The zinc trough, being supplied with water, forms an island, thereby isolating the hive from ants.
17,873	Voltaic Cell. For fixing wire into comb foundation.
17,874	Comb Box. For carrying combs to and from the hive when extracting honey.
17,875	Swarm Box. To pack bees for travelling; also very convenient for hiving and transporting a swarm.
17,876	Bar-frame Movable Comb Hive (Langstroth) standard size. Containing ten frames, movable floor-board, reducing entrance $2\frac{1}{2}$ storeys, each fitted with twenty-eight 1-lb. section-boxes.
17,877	Queen Cage (registered). Used for introducing a new queen.
17,878	Bar-frame Movable Comb Hive (Langstroth), standard size. Containing ten frames for brood nest, movable floor-board, reducing entrance, tin runners, and extra body fitted with four frames.
17,879	Centrifugal honey-extractor. To extract honey. remove the cappings with a knife, then place the frames near the wire gratings at each side, one comb against each grating; by turning the handle at a good speed the honey contained in the combs is thrown out of the cells by centrifugal force on to the side of the extractor.
	31 May.
18,464	Honey of Australian Native Bee, from Cambewarra, N.S.W.
	30 June.
18,564a	Wax of Australian Native Bee, from Cambewarra, N.S.W.

ETHNOLOGY.

31 January.

- 17,824 Nardoo stone, from Korningbirry Creek, 100 miles N.W. of Wilcannia, N.S.W. Collected by Mr. W. Bäuerlen.

In Brough Smith's "Aborigines of Victoria," i, 383, will be found a drawing of these stones, such as are used by the natives of the Darling. The following description is given:—

"The slab, generally of sandstone, is about 22 inches in length, 14 inches in breadth, and about 1 inch in thickness." The handstones (*Wallong*) are round, or of an oval form, and vary in size, one is $4\frac{1}{2}$ inches in breadth and $1\frac{1}{2}$ inch in thickness; and another is 6 inches in length, $4\frac{1}{2}$ inches in breadth, and 3 inches in thickness. The *Wallong* have hollows cut in them, so as to be more easily held by the hand.

"Mr. Howitt says that the stones here figured like those usually seen at Cooper's Creek. In the flat stone there is a depression which leads out to the edge by a channel. In grinding grass, or *Portulaca* seed, a little water is sprinkled in by the left hand, and the seeds being ground with the stone in the right hand form a kind of porridge, which runs out by the channel into a wooden bowl (*Peechee*), or a piece of bark. It may then be baked in the ashes, or eaten, as it is, by using the crooked forefinger as a spoon.

ECONOMIC GEOLOGY.

7 February.

- 17,889 Specimen of Indurated Schist. Tibooburra, N.S.W.
 17,890 Silver-bearing Ironstone (two specimens). Mount Poole, N.S.W.
 17,897 Specimen of Copai, Native Sulphate of Lime, used as a substitute for lime. In making mortar it is mixed with a little more than its own quantity of sand.
 17,909 Gypsum from Whittabranah, Tibooburra.
 17,910 Gypsum from Yantara Lake, Milparinka.

28 November.

- 19,140 Clay suitable for Fictile Ware. Bounty River, Nerriga.
 19,141 Carbonate of Lead (Crystallized). Captain's Flat, Bungendore.

ECONOMIC BOTANY.

8 May.

- 18,362-3 Specimens of Japanese Pine (*Cryptomeria japonica*), polished and unpolished.

28 May.

- 18,451 Black Wattle Gum (*Acacia decurrens*). Sold in Sydney as "Chewing Gum."

Specimens to illustrate the utilization of Colonial Woods, as follows:—

14 June.

- 18,476 One Handspike. "Tallowwood." (*Eucalyptus microcorys*.)
 18,477 One Picket. "Tallowwood."
 18,478 One Handspike. "Blackbutt." (*Eucalyptus pilularis*?)
 18,479 One Picket. "Blackbutt."
 18,480 One Handspike. "Blue Gum." (*Eucalyptus saligna*.)
 18,480a One Picket. "Blue Gum."

* In the Technological Museum is a very fine pair of stones from the Korningbirry Creek, 100 miles N.W. of Wilcannia, and 80 miles south of Milparinka, N.S.W. The material is of fine-grained sandstone, inclining to quartzite. The dimensions of the bed-stone are $22'' \times 14''$ (widest part) $\times \frac{1}{2}''$ to $2''$, while those of the hand-stone are $5\frac{1}{2}'' \times 4'' \times 1\frac{1}{2}''$. The hand-stone has no hollow cut in it, but it is well worn, and it is, of course, impossible to say what its original thickness was.

APPENDIX III—continued.
PURCHASES (SPECIMENS).

Museum No.	Date and Description.
29 June.	
18,517	One Patent Double Block. "Blackwood." (<i>Acacia melanoxylon</i> .)
18,518	One Patent Single Block. "Blackwood."
18,519	One Patent Double Block. "Beech." (<i>Gmelina Leichhardtii</i> .)
18,520	One Patent Single Block. "Beech."
18,521	One Small-size Double Block, 5½ inches. "Blackwood."
18,522	One Small-size Double Block, 5½ inches. "Blackwood." (With lignum vitæ pulleys.)
18,523	One Jib-sheet Block, 8 inches. "Beech." (With lignum vitæ pulleys.)
18,524	One Match Block, 7½ inches. "Beech." (With lignum vitæ pulleys.)
18,525	One Pair Dead Eyes, 7 inches. "Blackwood."
18,526	One Leader, 4 inches. "Cedar."
18,527	One Leader, 4 inches. "Cedar."
18,528	One Leader, 4 inches. "Cedar."
18,529	One Truck, 5 inches. "Beech."
18,530	One Belaying Pin. "Blue Gum?" (<i>E. saligna</i> .)
18,531	One Belaying Pin. "Blackwood."
18,532	One Cedar Table-leg, 6 inches.
18,533	One Cedar Table-leg, 5 inches, for Casters.
18,534	One Pair Shafts. "Ironbark." (<i>Eucalyptus siderophloia</i> .)
18,535	One Pair Shafts. "Spotted Gum." (<i>Eucalyptus maculata</i> .)
18,536	One Pair Shafts. "Blackwood." (<i>Acacia melanoxylon</i> .)
18,537	One Pair Rims. "Blackwood." (<i>Acacia melanoxylon</i> .)
18,538	One Pair Canoe Fronts. "Blackwood." (<i>Acacia melanoxylon</i> .)
18,539	One Pair Cart-rails. "Blackwood." (<i>Acacia melanoxylon</i> .)
18,540	One Pair Cart-rails. "Blackwood." (<i>Acacia melanoxylon</i> .)
18,541	One Pair Cart-rails. "Blackwood." (<i>Acacia melanoxylon</i> .)
18,542	Two Pair Seat-rails. "Blackwood."
18,543	One Pair Cart-rails. "Mountain Ash."
18,544	One Pair Cart-rails. "Mountain Ash."
18,545	One Pair Cart-rails. "Mountain Ash."
18,546	Two Splash-boards. "Kauri Pine."
18,547	Two Kiddle Hoops. "Kauri Pine."
18,548	One Sieve Hoop. "Kauri Pine."
18,549	One Set Waggon Bows. "Mountain Ash" and "Blackwood."

The following logs of timber from The Valley, Blue Mountains:—

19 July.

- 18,570 *Angophora lanceolata*; Cav. "Apple-tree."
 18,571 *Eucalyptus eugenioides*; Sieb. "Stringy-bark."
 18,572 *E. corymbosa*; Sm. "Bloodwood."
 18,573 *Casuarina torulosa*; Ait. "Forest Oak."
 18,574-5 Two Cabbage-tree Hats made from the leaves of an Australian Palm. (*Livistona australis*, Mart.) These particular specimens came from the Illawarra District of N.S.W. The leaves are boiled, dried, and then bleached preparatory to weaving.

June 15.

- 18,433 Kino (B.P.) Probably the produce of *Pterocarpus erinaceus*.

October 3.

- 19,070 *Araucaria Cunninghamii*; Ait. "Pine." (Coniferæ.) Richmond River, N.S.W. Collecting plate.
 19,071 *Gmelina Leichhardtii*; F. v. M. "Beech." (Verbenacæ.) Richmond River, N.S.W. Finial.
 19,072-3 *Cryptocarya glaucescens*; R. Br. "She Beech." (Laurinæ.) Nambuccra, N.S.W. Baluster; also specimen in the rough.
 19,074-5 *Endiandra glauca*; R. Br. "Teak." (Laurinæ.) Tweed River, N.S.W. Baluster; also sample of timber in the rough.
 19,076-7 "Black Bean." (Leguminosæ.) Clarence River, N.S.W. Masonic column; also specimen of timber in rough.
 19,078 *Gmelina Leichhardtii*; F. v. M. "Beech." (Verbenacæ.) Richmond River, N.S.W. Specimen of timber.
 19,079-80 "Red Bean." (Leguminosæ.) Clarence River, N.S.W. Chair-leg; also specimen of timber in the rough.
 19,081 *Casuarina* sp. "Oak." (Casuarinæ.) Nepean River, N.S.W. Cornice-pole.
 19,082 *Eucalyptus resinifera*; Sm. "Mahogany." (Myrtacæ.) Myall Lakes, N.S.W. Table-leg.
 19,083 "Ash." Richmond River, N.S.W. Hand-screw.
 19,084 *Araucaria Cunninghamii*; Ait. "Colonial Pine." (Coniferæ.) Richmond River, N.S.W. Carved bracket for mantelpiece.
 19,085-6 *Dysoxylon* sp. "Rosewood." (Meliacæ.) Myall Lakes, N.S.W. Newel-post; also specimen of timber in the rough.

October 5.

- 19,092 *Eucalyptus rostrata*; Schlecht. "Red Gum." (Myrtacæ.) Melbourne. Kino.

December 4.

- 19,146 *Eucalyptus resinifera*; Sm. "Forest Mahogany." (Myrtacæ.) Nambuccra River, near the Bellinger River, N.S.W. Obtained through the Forest Branch, Lands Department, Sydney.

APPENDIX III—continued.
PURCHASES (SPECIMENS).

Museum No.	Date and Description.
The following specimens have been acquired by the Collector for the Museum:—	
February 7.	
17,883	<i>Acacia cibaria</i> ; F. v. M. (Leguminosæ.) Olive Downs, Tibooburra, Grey Ranges, N.S.W. Seeds used as food by the Aborigines.
17,884	<i>Hakea lorea</i> ; R. Br. "Cork-tree." (Proteaceæ.) Olive Downs, Tibooburra, Grey Ranges, N.S.W. Log.
17,886	<i>Crinum flaccidum</i> ; Herbert. "Darling Lily." (Amaryllidæ.) Olive Downs, Tibooburra, Grey Ranges, N.S.W. An arrowroot is made from these bulbs, which may be used as food in times of scarcity.
17,891-3	<i>Eucalyptus terminalis</i> ; F. v. M. "Bloodwood." (Myrtaceæ.) Whittabranah, Tibooburra, Grey Ranges. Log, bark, and kino.
17,894	<i>Atalava hemiglauca</i> ; F. v. M. "Whitewood." (Sapindaceæ.) Whittabranah, Tibooburra, Grey Ranges. Log.
17,895	<i>Acacia aneura</i> ; F. v. M. "Mulga." (Leguminosæ.) Whittabranah, Tibooburra, Grey Ranges. Insect galls; used as food occasionally.
17,896	<i>Grevillea striata</i> ; R. Br. "Beefwood." (Proteaceæ.) Whittabranah, Tibooburra, Grey Ranges, N.S.W. Resin.
17,898	<i>Acacia sentis</i> ; F. v. M. "Prickly Acacia." (Leguminosæ.) Whittabranah, Tibooburra, Grey Ranges, N.S.W. Gum.
17,899	<i>Acacia salicina</i> ; Lindl. "Native Willow." (Leguminosæ.) Whittabranah, Tibooburra, Grey Ranges, N.S.W. Insect galls.
17,900-2	<i>Acacia homalophylla</i> ; A. Cunn. "Gidjah." (Leguminosæ.) Whittabranah, Tibooburra, Grey Ranges, N.S.W. Log, bark, leaves.
17,903-4	<i>Acacia</i> sp. (Leguminosæ.) Mount Wood, Tibooburra. Bark, leaves.
17,905	<i>Acacia</i> sp. (Leguminosæ.) Mount Wood, Tibooburra. Insect galls, 1st kind.
17,906	<i>Acacia</i> sp. (Leguminosæ.) Mount Wood, Tibooburra. Insect galls (aromatic), 2nd kind.
17,907	<i>Acacia pendula</i> ; A. Cunn. "Nilyah" (Leguminosæ.) Mount Wood, Tibooburra. Insect galls.
17,908	<i>Owenia acidula</i> ; F. v. M. "Mooley Apple." (Meliaceæ.) Mount Wood, Tibooburra. Timber (log).
17,912	<i>Acacia stenophylla</i> ; A. Cunn. (Leguminosæ.) Yantara. Leaves and bark.
March 29.	
18,103	<i>Acacia decurrens</i> ; Willd. "Green Wattle." (Leguminosæ.) Nerriga, N.S.W. Bark.
18,194	<i>Eucalyptus maculata</i> ; Hook. "Spotted Gum." (Myrtaceæ.) Nowra, N.S.W. Kino.
18,195	<i>Eucalyptus eugenioides</i> ; Sieb. "Stringy-bark." (Myrtaceæ.) Cambewarra, N.S.W. Kino.
April 4.	
18,216	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtaceæ.) Cambewarra. Kino.
April 7.	
18,217	<i>Cedrela australis</i> ; F. v. M. "Red Cedar." (Meliaceæ.) Cambewarra. Bark.
18,218	<i>Tristania laurina</i> ; R. Br. "Water Gum." (Myrtaceæ.) Bangley Creek, Cambewarra. Bark.
18,219	<i>Angophora intermedia</i> ; DC. "Apple-tree." (Myrtaceæ.) Bangley Creek, Cambewarra. Liquid kino.
18,220	<i>Angophora intermedia</i> ; DC. "Apple-tree." (Myrtaceæ.) Bangley Creek, Cambewarra. Kino.
18,221	<i>Pittosporum undulatum</i> ; Andr. (Pittosporææ.) Cambewarra. Gum-resin (aromatic).
18,222	<i>Eucalyptus eugenioides</i> ; Sieb. "Stringybark." (Myrtaceæ.) Cambewarra. Kino.
18,223	<i>Acacia binervata</i> ; DC. "Black Wattle." (Leguminosæ.) Cambewarra. Insect galls.
April 16.	
18,247	<i>Eucalyptus botryoides</i> ; Sm. "White Gum." (Myrtaceæ.) Cambewarra. Kino.
April 18.	
18,297	<i>Macrozamia spiralis</i> ; Lehm. "Burrawang." (Cycadææ.) Cambewarra. Gum from the fruit stalk.
18,298	<i>Angophora intermedia</i> ; DC. "Apple-tree." (Myrtaceæ.) Cambewarra. Liquid kino.
18,299	<i>Banksia serrata</i> ; Linn. "Honeysuckle." (Proteaceæ.) Cambewarra. Bark.
May 1.	
18,324	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtaceæ.) Cambewarra. Kino.
18,325	<i>Eucalyptus botryoides</i> ; Sm. "White" or "Scribbly Gum." (Myrtaceæ.) Cambewarra. Kino.
18,326	<i>Angophora intermedia</i> ; DC. "Apple-tree." (Myrtaceæ.) Cambewarra. Kino.
18,327	<i>Casuarina suberosa</i> ; Otto & Diet. "Forest Oak." (Casuarinææ.) Cambewarra. Bark.
18,328	<i>Acacia decurrens</i> ; Willd. "Green Wattle." (Leguminosæ.) Braidwood. Bark.
18,329	<i>Acacia binervata</i> ; DC. "Blackwattle." (Leguminosæ.) Tomerong, Nowra, N.S.W. Bark.
18,330	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtaceæ.) Cambewarra. Kino.
18,331	<i>Eucalyptus punctata</i> ; DC. "Grey Gum." (Myrtaceæ.) Cambewarra. Kino.
May 5.	
18,345	<i>Syncarpia laurifolia</i> ; Ten. "Turpentine-tree." (Myrtaceæ.) Cambewarra. Bark.
18,346	<i>Ceratopetalum gummiferum</i> ; Sm. "Christmas-bush." (Saxifragææ.) Cambewarra. Bark.
18,347	<i>Eucalyptus punctata</i> ; DC. "Grev Gum." (Myrtaceæ.) Cambewarra. Bark.
18,348	<i>Eucalyptus botryoides</i> ; Sm. "White" or "Scribbly Gum." (Myrtaceæ.) Cambewarra. Bark.
18,349	<i>Macrozamia spiralis</i> ; Lehm. "Burrawang." (Cycadææ.) Cambewarra. Gum.

APPENDIX III—continued.
PURCHASES (SPECIMENS).

Museum No.	Description.
May 4.	
18,350	<i>Ceratopetalum gummiferum</i> ; Sm. "Christmas-bush." (Saxifragæ.) Cambewarra. Gum. (Kinoid.)
18,351	<i>Acacia binervata</i> ; DC. "Black Wattle." (Leguminosæ.) Cambewarra. Piece of timber.
18,352	<i>Acacia binervata</i> ; DC. "Black Wattle." (Leguminosæ.) Cambewarra. Log (31).
18,353	<i>Syncarpia laurifolia</i> ; Ten. "Turpentine-tree." (Myrtacæ.) Log (32).
May 5.	
18,354	<i>Eucalyptus botryoidea</i> ; Sm. "White" or "Scribbly Gum." (Myrtacæ.) Cambewarra. Log (33).
18,355	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtacæ.) Cambewarra. Log (34).
18,356	<i>Eucalyptus punctata</i> ; DC. "Grey Gum." (Myrtacæ.) Cambewarra. Log (35).
18,357	<i>Casuarina suberosa</i> ; Otto & Diet. "Forest Oak." (Casuarinæ.) Cambewarra. Log (36).
18,358	<i>Ceratopetalum gummiferum</i> ; Sm. "Christmas-bush." (Saxifragæ.) Cambewarra. Log (37).
May 11.	
18,366	<i>Banksia serrata</i> ; Linn. "Honeysuckle." (Proteacæ.) Cambewarra. Log (38); from trunk.
18,367	<i>Banksia serrata</i> ; Linn. "Honeysuckle." (Proteacæ.) Cambewarra. Log (39); from limb.
18,368	<i>Cryptocarya</i> sp. "Cork-tree." (Lauracæ.) Cambewarra. Log (40).
18,369	<i>Eucalyptus amygdalina</i> , var.; Labill. (No local name.) (Myrtacæ.) Cambewarra. Log (41).
18,370	<i>Cryptocarya</i> sp. "Cork-tree." (Lauracæ.) Bark.
18,371	<i>Eugenia Smithii</i> ; Poir. "Lillypilly." (Myrtacæ.) Cambewarra. Bark.
18,372	<i>Sterculia diversifolia</i> ; G. Don. "Kurrajong." (Sterculiacæ.) Cambewarra. Bark.
18,373-4	<i>Syncarpia laurifolia</i> ; Ten. "Turpentine-tree." (Myrtacæ.) Cambewarra. Oleo-resin and fruit.
18,375	<i>Eucalyptus botryoidea</i> ; Sm. "White Gum." (Myrtacæ.) Cambewarra. Kino.
18,376	<i>Eucalyptus punctata</i> ; DC. "Grey Gum." (Myrtacæ.) Cambewarra. Kino.
18,377	<i>Eucalyptus botryoidea</i> ; Sm. "White Gum." (Myrtacæ.) Cambewarra. Insect galls.
18,378	<i>Eucalyptus eugenioides</i> ; Sieb. "Stringybark." (Myrtacæ.) Cambewarra. Insect galls.
May 21.	
18,434	<i>Eucalyptus maculata</i> ; Hook. "Spotted Gum." (Myrtacæ.) Cambewarra. Log (42).
18,435-6	<i>Melia composita</i> ; Willd. "White Cedar." (Meliacæ.) Cambewarra. Log (43), and also bark.
18,437	<i>Duboisia myoporoides</i> ; R. Br. "Cork-tree." (Solanacæ.) Cambewarra. Log (44).
18,438-9	<i>Eugenia myrtifolia</i> ; Sims. "Red Myrtle." (Myrtacæ.) Cambewarra. Log (45) and bark.
18,440	<i>Eucalyptus amygdalina</i> ; Labill. (Myrtacæ.) Cambewarra. Bark.
18,441	<i>Cupania semiglauca</i> ; F. v. M. (Sapindacæ.) Cambewarra. Log (46).
18,442	<i>Phyllanthus Ferdinandi</i> ; J. M. "Pencil Cedar." (Euphorbiacæ.) Cambewarra. Log (47).
18,443	<i>Cryptocarya glaucescens</i> ; R. Br. "Beech." (Lauracæ.) Cambewarra. Log (48).
18,444	<i>Baloghia lucida</i> ; Endl. "Brush Bloodwood." (Euphorbiacæ.) Cambewarra. Log (49).
May 11.	
18,445	<i>Acacia decurrens</i> ; Willd. "Green Wattle." (Leguminosæ.) Cambewarra. Log (50).
18,446	<i>Cupania semiglauca</i> ; F. v. M. (Sapindacæ.) Cambewarra. Bark.
18,447	<i>Phyllanthus Ferdinandi</i> ; F. v. M. "Pencil Cedar." (Euphorbiacæ.) Cambewarra. Bark.
18,448	<i>Baloghia lucida</i> ; Endl. "Brush Bloodwood." (Euphorbiacæ.) Cambewarra. Bark.
May 31.	
18,452	<i>Eucalyptus maculata</i> ; Hook. "Spotted Gum." (Myrtacæ.) Cambewarra. Small slab timber (dressed).
18,453	<i>Syncarpia laurifolia</i> ; Ten. "Turpentine-tree." (Myrtacæ.) Cambewarra. Timber (dressed).
18,454-5	<i>Stenocarpus salignus</i> ; R. Br. "Beefwood" or "Silky Oak." (Proteacæ.) Cambewarra. Timber (dressed), and also a sample in the rough.
18,456	<i>Baloghia lucida</i> ; Endl. "Brush Bloodwood." (Euphorbiacæ.) Timber (rough).
18,457	<i>Personia linearis</i> ; Andr. "Geebung." (Proteacæ.) Cambewarra. Timber (rough).
18,458	<i>Eucalyptus punctata</i> ; DC. "Grey Gum." (Myrtacæ.) Cambewarra. Timber (rough).
18,459-60	<i>Macrozamia spiralis</i> ; Lehm. "Burrawang." (Cycadæ.) Cambewarra. Hairy covering from fronds (Australian Pulu.) Gum from the same species.
18,461	<i>Ceratopetalum gummiferum</i> ; Sm. "Christmas-bush." (Saxifragæ.) Cambewarra. Kinoid gum.
18,462	<i>Syncarpia laurifolia</i> ; Ten. "Turpentine-tree." (Myrtacæ.) Cambewarra. Oleo-resin.
18,463	<i>Gymnostachys anceps</i> ; R. Br. "Settlers' twine." (Aroidæ.) Cambewarra. These long leaves are used for tying the legs of pigs, for hay-bands, &c., by farmers.
18,465	<i>Eucalyptus botryoidea</i> ; Sm. "Blackbutt." (Myrtacæ.) Cambewarra. Log (51).
18,466	<i>Ficus rubiginosa</i> ; Desf. "Fig-tree." (Urticacæ.) Cambewarra. Log (52).
18,467	<i>Evodia micrococca</i> ; F. v. M. (Rutacæ.) Cambewarra. Log (53).
18,468	<i>Burnaria spinosa</i> ; Cav. "Boxthorn." (Pittosporæ.) Cambewarra. Log (54).

APPENDIX III—continued.
PURCHASES—(SPECIMENS).

Museum No.	Date and Description.
18,469	<i>Eucalyptus botryoides</i> ; Sm. "Blackbutt." (Myrtaceæ.) Cambewarra. Bark.
18,470	<i>Ficus rubiginosa</i> ; Desf. "Fig-tree." (Urticaceæ.) Cambewarra. Cross-section of the stem.
18,471	<i>Evodia micrococca</i> ; F. v. M. (Rutaceæ.) Cambewarra. Bark.
June 18.	
18,484	<i>Eucalyptus siderophloia</i> ; Benth. "Ironbark." (Myrtaceæ.) Cambewarra. Log (55).
18,485	<i>Ceratopetalum apetalum</i> ; D. Don. "Coachwood" or "Leather-jacket." (Saxifrageæ.) Cambewarra. Log (56).
18,486	<i>Cupania semiglaucæ</i> ; F. v. M. (Sapindaceæ.) Cambewarra. (Log 57).
18,487	<i>Backhousia myrtifolia</i> ; Hook. "Grey Myrtle." (Myrtaceæ.) Cambewarra. Log (58).
18,488	<i>Claoxylon australe</i> ; Baill. (Euphorbiaceæ.) Cambewarra. Log (59).
18,489	<i>Ceratopetalum apetalum</i> ; D. Don. (Saxifrageæ.) Cambewarra. Kino.
June 22.	
18,490	<i>Eucalyptus</i> sp. (Myrtaceæ.) Cambewarra. Log (60).
18,491	<i>Eucalyptus</i> sp. (Myrtaceæ.) Cambewarra. Log (60a).
18,492	<i>Melaleuca leucadendra</i> ; Linn. "Tea-tree." (Myrtaceæ.) Cambewarra. Log (61).
18,493	<i>Eucalyptus tereticornis</i> ; Sm. "Blue Gum." (Myrtaceæ.) Cambewarra. Log (62).
18,494	<i>Eucalyptus</i> sp.; "Stringybark," "Messmate," or "Peppermint." (Myrtaceæ.) Cambewarra. Log (63).
18,495	<i>Ceratopetalum apetalum</i> ; D. Don. (Saxifrageæ.) Cambewarra. Bark.
18,496	<i>Backhousia myrtifolia</i> ; Hook. "Grey Myrtle." (Myrtaceæ.) Cambewarra. Bark.
18,497	<i>Claoxylon australe</i> ; Baill. (Euphorbiaceæ.) Cambewarra. Bark.
18,498	<i>Eucalyptus</i> sp.; (Myrtaceæ.) Cambewarra. Bark.
18,499	<i>Eucalyptus</i> sp.; (Myrtaceæ.) Cambewarra. Bark.
18,500	<i>Eucalyptus tereticornis</i> ; Sm. "Blue Gum." (Myrtaceæ.) Cambewarra. Bark.
June 29.	
18,501	<i>Eucalyptus piperita</i> ; Sm. "Peppermint" or "Messmate." (Myrtaceæ.) Cambewarra. Log (64).
18,502	<i>Eucalyptus eugenioides</i> ; Sieb. "Stringybark." (Myrtaceæ.) Cambewarra. Log (65).
18,502a	<i>Eucalyptus eugenioides</i> ; Sieb. "Stringybark." (Myrtaceæ.) Cambewarra. Bark.
18,503	<i>Angophora intermedia</i> ; DC. "Apple-tree." (Myrtaceæ.) Cambewarra. Log (66).
18,504	<i>Leptospermum flavescens</i> ; Sm. "Tee-tree." (Myrtaceæ.) Cambewarra. Log (67).
18,505	<i>Stenocarpus salignus</i> ; R. B. "Beefwood" or "Silky Oak." Proteaceæ. Cambewarra. Log (68).
18,506	<i>Cryptocarya glaucescens</i> . "Black Sarsaparilla" or "Black Beech." (Lauraceæ.) Cambewarra. Log (69).
18,507	<i>Alphitonia excelsa</i> ; Reiss. "Red Ash." (Rhamnæ.) Cambewarra. Log (70).
18,508	<i>Rhodamnia trinervia</i> ; Blume. (Myrtaceæ.) Cambewarra. Log (71).
18,509	<i>Eucalyptus</i> sp. "Stringybark," "Messmate," or "Peppermint." (Myrtaceæ.) Cambewarra. Bark.
18,510	<i>Eucalyptus piperita</i> ; Sm. "Peppermint," or "Messmate." (Myrtaceæ.) Cambewarra. Bark.
18,511	<i>Stenocarpus salignus</i> ; R. Br. (Proteaceæ.) Cambewarra. Bark.
18,512	<i>Stenocarpus salignus</i> ; R. Br. (Proteaceæ.) Cambewarra. Cross-section.
18,513	<i>Cryptocarya</i> sp. "Black Sarsaparilla" or "Black Beech." (Lauraceæ.) Cambewarra. Bark.
18,514	<i>Alphitonia excelsa</i> ; Reiss. "Red Ash." (Rhamnæ.) Cambewarra. Bark.
18,515	<i>Rhodamnia trinervia</i> ; Blume. (Myrtaceæ.) Cambewarra. Bark.
18,516	<i>Commerçonia Fraseri</i> ; J. Gay. "Kurrajong." (Sterculiaceæ.) Cambewarra. Bark.
June 30.	
18,552	<i>Ceratopetalum apetalum</i> ; D. Don. "Coachwood." (Saxifrageæ.) Cambewarra. Kino.
18,553	<i>Eucalyptus punctata</i> ; DC. "Grey Gum." (Myrtaceæ.) Cambewarra. Kino.
18,554	<i>Eucalyptus</i> sp. (Myrtaceæ.) Cambewarra. Kino.
18,555	<i>Macrozamia spiralis</i> ; Lehm. "Burrawang." (Cycadeæ.) Cambewarra. Gum.
18,556	<i>Cedrela australis</i> ; F. v. M. "Red Cedar." (Meliaceæ.) Cambewarra. Gum.
18,557	<i>Sterculia diversifolia</i> ; G. Don. "Kurrajong." (Sterculiaceæ.) Cambewarra. Inner fibrous bark.
18,558	<i>Commerçonia Fraseri</i> ; J. Gay. "Kurrajong." (Sterculiaceæ.) Cambewarra. Bark.
18,559	<i>Lambertia formosa</i> ; Sm. "Honeyflower." (Proteaceæ.) Cambewarra. Honey-like liquid from the flowers.
18,560	<i>Hæmodorum teretifolium</i> ; R. Br. (Amaryllidæ.) Cambewarra. Roots, probably capable of yielding a reddish dye.
18,561	<i>Eucalyptus</i> sp. "Hybrid." (Myrtaceæ.) Cambewarra. White fungoid substance from the wood.
July 17.	
18,566	<i>Elaeocarpus reticulatus</i> , var. <i>Kirtoni</i> ; Sm. "Mountain Ash." (Tiliaceæ.) Cambewarra. Bark.
18,567	<i>Villaresia</i> sp. "Maple." (Olacineæ.) Cambewarra. Bark.
18,568	<i>Diploglottis Cunninghamii</i> ; J. Hook. "Tamarind." (Sapindaceæ.) Cambewarra. Bark.

APPENDIX III—continued.
PURCHASES (SPECIMENS).

Museum No.	Date and Description.
August 2.	
18,582	<i>Eucalyptus tereticornis</i> ; Sm. "Blue Gum." (Myrtaceæ.) Cambewarra. Log (62).
18,583	<i>Pseudomorus Brunoniana</i> ; Beau. "Whalobono-tree." (Urticaceæ.) Cambewarra. Log (72).
18,584	<i>Eucalyptus robusta</i> ; Sm. "Swamp Mahogany." (Myrtaceæ.) Cambewarra. Log. (79).
18,585	<i>Casuarina glauca</i> ; Sieb. "Swamp Oak." (Casuarineæ.) Cambewarra. Log (80).
18,586	<i>Nephelium leiocarpum</i> ; F. v. M. (Sapindaceæ.) Cambewarra. Log (81).
18,587	<i>Elæocarpus</i> sp. "Ash." (Tiliaceæ.) Cambewarra. Log. (82).
18,588	Not yet determined. Cambewarra. Log (83).
18,589	<i>Melaleuca styphelioides</i> ; Sm. "Prickly-leaved Tea-tree." (Myrtaceæ.) Cambewarra. Log (84).
18,590	<i>Callistemon salignus</i> ; DC. "Tea-tree." (Myrtaceæ.) Cambewarra. Log (85).
18,591	<i>Acacia longifolia</i> ; Willd. "Sally." (Leguminosæ.) Cambewarra. Log (86) and bark.
18,593	<i>Eucalyptus robusta</i> ; Sm. "Swamp Mahogany." (Myrtaceæ.) Cambewarra. Bark.
18,594-5	<i>Casuarina glauca</i> ; Sieb. "Swamp Oak." (Casuarineæ.) Cambewarra. Cross-section of stem; also bark.
August 16.	
18,940	<i>Eugenia Smithii</i> ; Poir. "Lillypilly." (Myrtaceæ.) Bangley Creek, Cambewarra. Log (73).
18,941	<i>Elæocarpus reticulata</i> ; F. v. M. "Mountain Ash." (Tiliaceæ.) Cambewarra Mountain. Log (74).
18,942	<i>Diploglottis Cunninghamii</i> ; Hook. "Tamarind." (Sapindaceæ.) Cambewarra Mountain. Log (75).
18,943	<i>Villaresia Moorei</i> ; F. v. M. (Olacineæ.) Jasper's Brush, Cambewarra Mountain. Log (76).
18,944	<i>Pennantia Cunninghamii</i> ; Miers. (Olacineæ.) Cambewarra Mountain. Log (77).
18,945	<i>Pennantia Cunninghamii</i> ; Miers. (Olacineæ.) Cambewarra Mountain. Section.
18,946	<i>Rhodamnia trinervis</i> (?); Blume. (Myrtaceæ.) Bomaderry. Log (78).
18,947	<i>Sloanea australis</i> ; F. v. M. (Tiliaceæ.) Cambewarra Mountain. Log (87).
18,948	<i>Sideroxylon laurifolia</i> ; F. v. M. (Sapotaceæ.) Cambewarra Mountain. Log (88).
18,949	"Opossum Wood." Jasper's Brush, Cambewarra Mountain. Log (89).
18,950	<i>Polyosma Cunninghamii</i> ; J. J. Benn. (Saxifrageæ.) Jasper's Brush, Cambewarra Mountain. Log (90).
18,951	<i>Tristania conferta</i> . R. Br. (Myrtaceæ.) Jasper's Brush, Cambewarra Mountain. Log (91).
18,952	<i>Eucryphia Moorei</i> ; F. v. M. (Saxifrageæ.) Cambewarra Mountain. Log (92).
18,953	<i>Dysoxylon</i> (?); Cambewarra Mountain. Log (93).
18,954	<i>Doryphora sassafras</i> ; Endl. (Monimiaceæ.) Cambewarra Mountain. Log (94).
18,955	<i>Elæocarpus cyaneus</i> ; Ait. Tiliaceæ. Cambewarra Mountain. Log (95).
18,956	<i>Panax Murrayana</i> ; F. v. M. (Araliaceæ.) Cambewarra Mountain. Log (96).
18,957	<i>Acacia melanoxylon</i> ; R. Br. (Leguminosæ.) Cambewarra Mountain. Log (97).
18,958	<i>Pittosporum undulatum</i> ; Vent. (Pittosporææ.) Clyde, Cambewarra Mountain. Log (98).
August 23.	
18,961	<i>Achras australis</i> ; R. Br. "Black Apple." (Sapotaceæ.) Cambewarra. Log (99).
18,962	<i>Eucalyptus resinifera</i> ; Sm. "Forest Mahogany." (Myrtaceæ.) Cambewarra. Bark.
18,963	<i>Sideroxylon laurifolia</i> . "Sycamore." (Sapotaceæ.) Cambewarra. Bark.
18,964	<i>Pittosporum undulatum</i> ; Andrews. "Cheesewood." (Pittosporææ.) Cambewarra. Bark.
18,965	<i>Polyosma Cunninghamii</i> ; J. J. Bennett. "Featherwood." (Saxifrageæ.) Cambewarra. Bark.
18,966	<i>Tristania conferta</i> ; R. Br. "Water Gum." (Myrtaceæ.) Cambewarra. Bark.
18,967	<i>Doryphora sassafras</i> ; Endlich. "Sassafras." (Monimiaceæ.) Cambewarra. Bark.
18,968	<i>Melaleuca styphelioides</i> ; Sm. "Prickly-leaved Tea-tree." (Myrtaceæ.) Cambewarra. Slab of timber.
18,969	<i>Ficus rubiginosa</i> ; Desf. "Rusty Fig." (Urticaceæ.) Cambewarra. Milky juice (latex).
18,970	<i>Ceratopetalum apetalum</i> ; D. Don. "Leather-jacket"; "Coachwood." (Saxifrageæ.) Cambewarra. Kinoid Gum.
18,971	<i>Eucalyptus robusta</i> ; Sm. "Swamp Mahogany." (Myrtaceæ.) Cambewarra. Kino.
18,972	<i>Eucalyptus piperita</i> ; Sm. "Peppermint." (Myrtaceæ.) Cambewarra. Kino.
18,973	<i>Eucalyptus eugenioides</i> ; Sieb. "Stringybark." (Myrtaceæ.) Cambewarra. Kino.
18,974	<i>Eucalyptus amygdalina</i> ; Schau. "Messmate." (Myrtaceæ.) Cambewarra. Kino.
18,975	<i>Pittosporum undulatum</i> ; Andr. "Cheesewood." (Pittosporææ.) Cambewarra. Gum-resin.
18,976	<i>Cedrela australis</i> ; F. v. M. "Red Cedar." (Meliaceæ.) Cambewarra. Gum.
September 11.	
19,016	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtaceæ.) Cambewarra. Piece of timber.
19,021	<i>Eucalyptus maculata</i> ; Hook. "Spotted Gum." (Myrtaceæ.) Cambewarra. Piece of timber.
September 24.	
19,028a	<i>Eucalyptus siderophloia</i> ; Benth. "Red Ironbark." (Myrtaceæ.) Cambewarra. Small slab of timber.
October 1.	
19,053	<i>Eugenia Smithii</i> ; Poir. "Lillypilly." (Myrtaceæ.) Cambewarra. Bark.
19,054	<i>Ceratopetalum apetalum</i> ; D. Don. "Coachwood"; "Leather-jacket." (Saxifrageæ.) Cambewarra. Bark.
19,055	<i>Gmelina Leichhardtii</i> ; F. v. M. "Long Jack." (Verbenaceæ.) Cambewarra. Piece of timber.

APPENDIX III—continued.
PURCHASES (SPECIMENS).

Museum No.	Date and Description.
19,056	<i>Pittosporum undulatum</i> ; Andr. "Cheesewood." (Pittosporæ.) Cambewarra. Piece of timber.
19,057	<i>Eucalyptus siderophloia</i> ; Benth. "Ironbark." (Myrtaceæ.) Cambewarra. Kino.
19,058	<i>Ficus rubiginosa</i> ; Desf. "Rusty Fig." (Urticaceæ.) Cambewarra. Milky sap (latex). October 9.
19,097	<i>Eucalyptus hemiphloia</i> ; F. v. M. "Box." (Myrtaceæ.) Braidwood. Kino. November 26.
19,126-128	<i>Acacia mollissima</i> ; Willd var. <i>Leichhardtii</i> . F. v. M. (Leguminosæ.) Monga. Gum; timber; bark; the latter being difficult to grind, though used by tanners.
19,129	<i>Eucalyptus goniocalyx</i> ; F. v. M. "Mountain Gum." (Myrtaceæ.) Sugarloaf Mountain, Braidwood. Timber.
19,130	<i>Eucryphia Moorei</i> ; F. v. M. "Plum." (Saxifragæ.) Braidwood. Timber. November 28.
19,131	<i>Hakea macræana</i> ; F. v. M. (Proteaceæ.) Braidwood. Gum.
19,132	<i>Aster argophyllus</i> ; Labill. "Musk." (Compositæ.) Sugarloaf Mountain, Braidwood. Three pieces of timber.
19,133	<i>Eucalyptus viminalis</i> ; Labill. "Ribbon" or "Manna Gum." (Myrtaceæ.) Monga, Braidwood. Manna.
19,134	<i>Eucalyptus hemiphloia</i> ; F. v. M. "Box" or "White Box." (Myrtaceæ.) Nerriga. Kino.
19,135-6	<i>Eucalyptus amygdalina</i> (?); Labill. "Mountain Ash." (Myrtaceæ.) Sugarloaf Mountain, Braidwood. Kino; bark.
19,137	<i>Eucalyptus</i> sp. "Blue Gum." (Myrtaceæ.) Sugarloaf Mountain, Braidwood. Bark.
19,138-9	<i>Acacia mollissima</i> ; Willd. "Green Wattle." (Leguminosæ.) Bell's Creek, Araluen. Gum; bark. December 3.
19,143-5	<i>Aster argophyllus</i> ; Labill. "Musk." (Compositæ.) Sugarloaf Mountain, Braidwood. Log, two slabs, and two thin pieces of timber. December 17.
19,147	<i>Eucalyptus goniocalyx</i> ; F. v. M. "Mountain Gum." (Myrtaceæ.) Sugarloaf Mountain, Braidwood. Timber.
19,147A	<i>Eucalyptus amygdalina</i> ? var. "Mountain Ash." (Myrtaceæ.) Sugarloaf Mountain, Braidwood. Timber.
19,141	<i>Leptospermum lanigerum</i> ; Sm. "Tea-tree." (Myrtaceæ.) Monga, Braidwood. Timber.
19,149-50	<i>Hakea macræama</i> ; F. v. M. Sugarloaf Mountain, Braidwood. Bark; gum.
19,151	<i>Cedrela Toona</i> ; Roxb. "Red Cedar." (Meliaceæ.) Cambewarra. Gum.
19,152	<i>Eucalyptus</i> sp. (hybrid). "Blue Gum." (Myrtaceæ.) Bell's Creek, Araluen. Kino.
19,153-4	<i>Acacia mollissima</i> ; var. <i>Leichhardtii</i> . Willd., F. v. M. (Leguminosæ.) Monga. Gum off tree; ditto taken off ground.

EDUCATIONAL APPLIANCES.

Large Drawing Models, as under:—

August 23.

18,977	One square prism.
18,978	" hexagonal prism.
18,979	" cube.
18,980	" cylinder.
18,981	" square pyramid.
18,982	" hexagonal pyramid.
18,983	" cone.
18,984	" globe, and two extra pieces to form base.
18,985	" treble cross.
18,986	" circle, with two extra pieces to form intersecting circles.
18,987	" square.
18,988	" triangle.
18,989	" pentagon.
18,990	" hexagon.
18,991	" Gothic arch.
18,992	" set (three) of patent perspective models. (P. Jolins.)

Models of Light and Shade, as under:—

18,993	(1.) Showing the construction of the angle of incidence and of shadows; also of lines in various positions on the plane of projection.
18,994	(2.) Showing construction of the shadows of four round, and four cornered planes on the plane of projection.
18,995	(3.) Cylinder, with shadow of incidence and shadow of conical plane thereon. Oblique cylinder, with shadow of a circular surface thereon.
18,996	(4.) Hexagonal pyramid, with shadow of incidence and shadow of a vertical surface thereon.

APPENDIX III—*continued*.
PURCHASES (SPECIMENS).

Museum No.	Date and Description.
18,997	(5.) Cone, with shadow of incidence and shadow of a horizontal surface thereon.
18,998	(6.) Flat surface, with coping; canted off below.
18,999	(7.) Semi-circular moulding, with newel.
19,000	(8.) " " hollow, with slab.
19,001	(9.) Reversed cornice.
19,002	(10.) Plinth.
19,003	(11.) Model of shadows of parts of machinery (head of slide rod.)
19,004	(12.) " " " (bearings.)
19,005-7	Three objects of form (vases), in baked white clay, as used for teaching at South Kensington.

August 23.

- 19,008-12 Five selected Vases in majolica ware, used for teaching at South Kensington.
19,013-15 Three selected Vases in terra-cotta, used for teaching at South Kensington.

September 11.

- 19,017 One Universal joint Telescope-stand, to show models in any position. (Full size.)
19,018 One Universal joint Telescope-stand. Small size, and different model to the preceding.

APPLIED ART.

- 17,985 Pair of Vases, brown Awaji ware, decorated with best gold lacquer.
17,986 Pair of Vases, purple Awaji ware, decorated with best gold lacquer.

February 11.

- 17,987 Pair of Vases, Awata body, decorated with best gold lacquer.
17,988 Pair of Vases, Kishiu ware, decorated gold lacquer on blue.
17,989 Pair of Vases, Kishiu ware, decorated gold lacquer on green.
17,990 Pair of Vases, brown Awaji ware, best gold lacquer.
17,991 Large Plate, Seiji ware, crackled, with cheap lacquer decoration.
17,992 Pair Vases, Seiji ware, with cheap lacquer decoration.
17,993 Plate brown Fayence, bronze imitation, best gold lacquer.
17,994 Plate, Kutani ware, fine.
17,995 Pair Bottle-Vases, blue and white, by Gosaki.
17,996 Plate, Rakuyaki earthenware.
17,997 Bowl, finest Imari, by Korasha.
17,998 Small Bowl, Imari, common earthenware.
17,999 Pair Vases, Owari body, painted.

March 16.

- 18,112-65 Collection of Japanese Fans, various shapes and designs of frame, and various pictorial subjects.

MISCELLANEOUS.

May 8.

- 18,364 Cashmere Dress Goods, cream colour, dyed in piece. Made from the finest Colonial merino wools.
18,365 Merino Dress Goods, cardinal colour, dyed in piece. Made from fine-combing Colonial wools.

June 7.

- 18,473 Wall Ornaments of split bamboo, with birds and flowers painted thereon. From Japan.
18,473a Water-jug on iron spring frame (automatic tilter).
18,473b Patent compact Clothes-horse.
18,473c Patent folding Writing-desk.

APPENDIX IV.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
ETHNOLOGY, &c.	
January 31, 1888.	
17,827	Weaving Loom, showing screw-pine fibre (Pandanus) mat in course of construction, Santa Cruz Islands. Right Rev. Dr. Selwyn, Bishop of Melanesia, through Sir Alfred Roberts.
June 18.	
18,481	Bronze Coin, 1 sen, Japan. Mr. John Fagan, Sydney.
18,482	Silver Coin, $\frac{1}{4}$ dime, United States. Mr. John Fagan, Sydney.
18,483	Rod-like elongated Dumb-bell; made of coconut wood. Used by natives of N.E. India for athletic exercises. Mr. John Fagan, Sydney.
October 1.	
18,659	Aboriginal Relic or implement of undetermined character, found a few months ago in sinking a tank at Byrock, N.S.W., at a depth of 7 ft. It is of argillaceous sandstone, carrot-shaped, about $11\frac{1}{2} \times 2\frac{1}{2}$ in., the broad extremity concave, the surface marked transversely at intervals with lines, of which there are five pairs on one side and three pairs on the other. Blackfellows to whom it had been shown could give no information about it; nor had anyone who had yet seen it been able to recognize its import.* Rev. J. Milne Curran, F.G.S., Cobar.
MISCELLANEOUS.	
January 12.	
17,801	Stereotype of four pages of the <i>Times</i> , 2nd August, 1878 (2), 23th July, 1883 (1), 10th August, 1887 (1). Mr. Charles Robertson, 110, Market-street, Sydney.
February 7.	
17,888	A piece of wood (<i>Frenela</i> sp.) which formed a portion of the boat used by Sturt, the Australian Explorer. Mr. A. Lang, Mount Poole, N.S.W.
May 31.	
18,472	Exhibit for the purpose of teaching carpentry, consisting of models and diagrams (received incomplete). Mr. H. Staynes, Finsbury Technical College, London.
June 30.	
18,561-3	Three pieces of square turning, for cabinet work. "Blackwood." (<i>Acacia melanoxylon</i> .) Mr. E. Verdich, Darlington, Sydney.
ECONOMIC GEOLOGY (INCLUDING MINING).	
January 3.	
17,800	Specimen of G6thite. Master B. Corrie, Strathdon, Colo Vale, N.S.W.
January 14.	
17,802-5	Four models of appliances for obtaining gold from washdirt, as used on the Turon (N.S.W.) Goldfields:—Cradle, scale $\frac{1}{4}$, 3 in. to 1 ft.; False-bottom Sluice, scale $\frac{1}{4}$, 1 in. to 1 foot; "Long Tom," scale $\frac{1}{4}$, $1\frac{1}{2}$ in. to 1 ft.; Puddling Machine and appurtenances. Mr. C. Taylor, Burlington-street, North Shore, through Mr. Hugh Watt.
January 16.	
17,806	Bat Guano, from caves on the Murrumbidgee, near Cooradigby, N.S.W. Mr. John Mitchell, Bowning.
January 31.	
17,825	Mass of Azurite Crystals, from Mount Hope, N.S.W. Rev. J. Milne Curran, F.G.S., Cobar, N.S.W. (now of Bathurst).
17,826	Two specimens Diabase Porphyry, Red Hill, Springs, N.S.W. Rev. J. Milne Curran, F.G.S., Cobar, N.S.W. (now of Bathurst).
February 1.	
17,880	Seven pieces of Cores from diamond drill. Dr. J. C. Cox, Sydney.
February 2.	
17,881-2	Scythe Stones and Stones for sharpening the blades of reaping machines, moulded, Yorkshire, England. (? Made of sand bound with Keen's cement). Mr. J. Fagan, Sydney.
March 14.	
18,110	3-in. cube of Sandstone, quarried in Queensland about 1 January, 1888. Crushing weight, 15,900 lb. The Colonial Architect, Sydney.
18,111	3-in. cube Sandstone, quarried at Pyrmont, Sydney. Crushing weight, 48,000 lb. The Colonial Architect, Sydney.

* On comparing the specimen with an implement exhibited on behalf of Mr. C. S. Wilkinson, at the Linnean Society's Meeting of 25th June, 1884 (*vide* Proceedings, vol. IX., p. 507), it is evident that the two are of a similar character, differing but little except in regard to size, and in the details of the pairs of transverse markings.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
March 27.	
18,186	Block of Sydney Sandstone, 3½ in. x 2½ in. x 2½ in., from Tarban Creek. No. 1. The Colonial Architect, Sydney.
18,187	Block of Sydney Sandstone, 3½ in. x 2½ in. x 2½ in., from Tarban Creek. No. 2. The Colonial Architect, Sydney.
18,188	Block of Sydney Sandstone, 3½ in. x 2½ in. x 2½ in., from Trickett's Quarry, Lane Cove. No. 1. The Colonial Architect, Sydney.
18,189	Block of Sydney Sandstone, 3½ in. x 2½ in. x 2½ in., from Trickett's Quarry, Lane Cove. No. 2. The Colonial Architect, Sydney.
18,190	Block of Sydney Sandstone, 3½ in. x 2½ in. x 2½ in., from Old South Head Road, Waverley. The Colonial Architect, Sydney.
18,191	Block of Sydney Sandstone, 3½ in. x 2½ in. x 2½ in., from Trickett's, Greenwich, Parramatta River. The Colonial Architect, Sydney.
18,192	Block of Sydney Sandstone, 3½ in. x 2½ in. x 2½ in., from Mossman's Bay. The Colonial Architect, Sydney.
April 16.	
18,273	Block of Cimolite, the so-called "Meerschau" of New South Wales. Wyralla, Richmond River. Mr. H. L. Steel, Redfern.
18,274-5	Sachrite (two samples). Eden, Twofold Bay. Mr. H. L. Steel, Redfern.
18,276-7	Quartz var. Opal (two samples). Eden, Twofold Bay. Mr. H. L. Steel, Redfern.
18,278	Basalt Block, 14 in. x 14 in. x 8 in.; dressed. Bowral, N.S.W. Messrs. Loveridge and Hudson, Sydney.
18,279	Basalt Block, 10½ in. x 8 in. x 7½ in., dressed. Bowral, N.S.W. Messrs. Loveridge and Hudson, Sydney.
18,280	One polished Block of Granite, 12 in. x 12 in. x 6 in. Trial Bay, N.S.W. The Colonial Architect, Sydney.
18,281-4	Four Briquettes Portland Cement (Femer's), 7½ in. x 3 in. x 1½ in. The Colonial Architect, Sydney.
April 16.	
18,285-88	Four Briquettes Portland Cement (Robins'), 3 x 2 x 1 inches; breaks at 450 lb. per square inch in seven days. The Colonial Architect, Sydney.
18,289	Sample of Cement moulded in bottle, to show contraction. The Colonial Architect, Sydney.
April 21.	
18,290-91	Two "Australian Rubies" cut from one stone, of which No. 18,291a is a model. These "rubies" are from South Australia, and are simply garnets of fair quality. E. W. Streeter, Esq., F.R.G.S., New Bond-street, London (through Professor Liversidge, F.R.S., Sydney).
18,291a	Model of Ruby before being cut. E. W. Streeter, Esq., F.R.G.S., New Bond-street, London (through Professor Liversidge, F.R.S., Sydney).
April 23.	
18,292-95	Four specimens of Basalt from Colo Vale. Mr. E. S. Corrie, Strathdon, Colo Vale, N.S.W.
April 26.	
18,300	Specimen Graphite from New Borrowdale Mine, Undercliff Station, Wilson's Downfall, Tenterfield, N.S.W. Mr. Chas. Wooller, Sydney.
18,301	Clinkers and Drift-wash from Wilson's Downfall, Tenterfield, N.S.W. Mr. Chas. Wooller, Sydney.
May 5.	
18,359	Eight specimens Argentiferous Galena from Horton and Archibald's silver leases at junction of Koreelah Creek, Cullen's Creek, and Clarence River, Rivertree. Mr. C. Haazer.
18,360	Four specimens Argentiferous Galena from Horton and Archibald's silver leases at junction of Koreelah Creek, Cullen's Creek, and Clarence River, Rivertree. Mr. C. Haazer.
May 8.	
18,361	Permission to take a cast from a Nugget of Gold (specific gravity, 15.44) from Mount Brown, N.S.W. Assay—Gold, .9790; silver, .015; gross value, £116. The Department of Mines, Sydney.
May 11.	
18,379	One block White Sandstone, 12 x 7½ x 6 inches (piece of string course), from Bundanoon, N.S.W. The Colonial Architect, Sydney.
18,380	One block Red Sandstone from neighbourhood of Condobolin, N.S.W., 7 x 5½ x 5 inches (base course). The Colonial Architect, Sydney.
18,381	One 3-inch cube White Sandstone from Parramatta, N.S.W. The Colonial Architect, Sydney.
June 7.	
18,474	One sample Coal, Upper Clarence River District. Mr. A. Hagman, Sydney.
18,475	Gold-bearing Conglomerate, Black Rock, Ballina. Mr. A. Hagman, Sydney.

APPENDIX IV.—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
June 20.	
18,550	One specimen Tetradymite (telluride of bismuth) from Jingera, N.S.W. (This mineral has not previously been found in New South Wales.) The Government Geologist, Sydney.
July 19.	
18,576	Carnelian from Stanthorpe, Queensland. Mr. Chas. Wooller, Sydney.
18,577	Specimens of Gem-stones from Stanthorpe, Queensland. Mr. Chas. Wooller, Sydney.
18,578	Specimen of Gold from creek near New Borrowdale Mine, Tenterfield, N.S.W. Mr. Chas. Wooller, Sydney.
18,579	Porcelain-clay (Kaolin), Undercliff Run, Tenterfield. Mr. Chas. Wooller, Sydney.
July 30.	
18,580	Three-inch cube of Sandstone from Parramatta; crushing weight, 37,000 lb. The Colonial Architect, Sydney.
18,581	One specimen Soapstone (fireproof) from Gundagai, N.S.W. The Colonial Architect, Sydney.
August 2.	
18,596	Three Australian Rubies (garnets) from the Macdonnell Ranges, South Australia. Daniel Adamson, Esq., J.P., Adelaide.
18,597	Specimen of Auriferous Quartz from the New Rising Sun Gold-mine, North Gippsland, Victoria. Mr. H. L. Walker, Bombala.
18,598	Specimen of Auriferous Quartz from the Eclipse Mine, Bendoc, Victoria. Mr. H. L. Walker, Bombala.
18,599-604	Five specimens Calcite in cavity in diabasic dolerite; two specimens Analcime crystallised on calcite; two specimens Wollastonite; two specimens Prehnite in cavity in diabasic dolerite; one nodule of Clay Ironstone. From Waimalle Hill, Prospect Reservoir. Mr. A. Godhard, Prospect, near Sydney.
September 24.	
19,029	One specimen Rock Crystal
19,030	Specimens Topaz
19,031	One specimen Beryl
19,032	One specimen Carnelian
	} Mr. C. Wooller, Bonanza King Reef Mine, Undercliff Run, Wilson's Downfall, Tenterfield.
	(The above are from Undercliff Run, Wilson's Downfall, Tenterfield, N.S.W.)
October 5.	
19,089	One specimen Basalt. Mr. A. Corrie, Colo Vale, Mittagong.
19,090	Three specimens Colonial Pine (<i>Araucaria Cunninghamii</i>) from northern part of New South Wales and Southern Queensland. Anonymous.
November 26.	
19,124	Two specimens Auriferous Quartz showing white mundic (iron pyrites). Messrs. Wooller and Main (through Mr. Chas. Wooller, 23, Burns-street, Sydney).
19,125	Two specimens Quartz showing graphite and slate. Messrs. Wooller and Main (through Mr. Chas. Wooller, 23, Burns-street, Sydney).
	(All from the Bonanza King Reef, Undercliff Run, Wilson's Downfall, near Tenterfield, N.S.W.)
November 28.	
19,142	Meteorite, Cast of. Weight of original, 12 lb. 3.84 oz.; specific gravity, 7.802. The meteorite was found by a miner named O'Shaughnessy, now living at Cowra, on the highest peak of the Battery Mountain, at the junction of the Burrowa and Lachlan Rivers, firmly embedded in the slate, only one point being visible.
December 20.	
19,155	Gold and Gems. Persecution Creek, Wilson's Downfall, Tenterfield. Messrs. Wooller and Main, through Mr. Chas. Wooller, 23, Burns-street, Sydney.
19,156	Quartz with crystals, Bonanza King Reef, Undercliff Run, Wilson's Downfall, Tenterfield. Messrs. Wooller and Main, through Mr. Chas. Wooller, 23, Burns-street, Sydney.
19,157	Jasper, Bonanza King Reef, Undercliff Run, Wilson's Downfall, Tenterfield. Messrs. Wooller and Main, through Mr. Chas. Wooller, 23, Burns-street, Sydney.
METALLURGY AND MACHINERY.	
24 February.	
18,043	Chilled Iron Wheel; largely used on the Austro-Hungarian railways. These wheels offer great resistance to change of temperature. Messrs. Ganz & Co., Buda-Pesth, through Messrs. A. D. Nelson & Co., Sydney.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
18,015	Chilled Iron Crossings; largely used on the Austro-Hungarian railways. These crossings offer great resistance to change of temperature. Messrs. Ganz & Co., Buda Pesth, through Messrs. A. D. Nelson & Co., Sydney.
	11 May.
18,362	Model of Apparatus for transferring rolling-stock from broad to narrow gauge railways, and <i>vice versa</i> ; narrow gauge, 4 feet 8½ inches; broad gauge, 7 feet (Eng.), 6 feet (U.S.) Two trucks and track, 6 feet 4 inches x 12 inches. The Engineer-in-Chief, Railway Department, Sydney.
18,383	Casting made of Colonial Iron. Scroll-work with Australian Arms in centre; length, 25½ inches; height, 5½ inches (for tops of railway carriages). The Engineer-in-Chief, Railway Department, Sydney.
18,384	Casting made of Colonial Iron in form of Crown; size, 6 inches x 6 inches. Tylden Wright, Esq. (the agent of the Earl of Dudley), through H. B. Hardt, Esq.
	Collection of Iron Samples from the "Round Oak" Ironworks. Tylden Wright, Esq. (the agent of the Earl of Dudley), through H. B. Hardt, Esq., as follows:—
	Pig Iron for Foundry and Forge purposes (13 samples.)
18,385	Cold blast (samples) brand L.N.F., Dud.
18,385a	Cold blast (samples) brand L.N.F.
18,385b	Hot blast (samples) brand L.N.F.
18,385c	Hot blast (samples) brand Conegre.
18,386	6 samples round 2-inch iron.
18,386a	7 samples round 1½-inch iron, L.N.R.O.; R.B.B. Crvs. showing fracture.
18,387	2 samples round 1-inch iron, cut and bent over to show fibre, L.W.R.O.; R.B.B. Crvs.
18,388	2 samples 2 inch x ½ inch, showing bending qualities, L.W.R.O.; B.B.B. Crvs.
18,388a	2 do. do. do
18,389	10 samples 1½ inch x 1½ inch, showing bending qualities of metal, L.W.R.O., B.B.B. Crvs.
18,390	1 sample 9-inch H girder-iron, showing bending qualities when cold.
18,390a	1 sample 10-inch H girder-iron, do do
18,390b	2 samples 6½-inch H girder-iron do do
18,391	9 samples 1-inch round iron, L.W.R.O.
18,392	21 samples 1½ inch x 1½ inch iron, showing quality of fibre or texture, L.W.R.O.; B.B.B. Crvs.
18,392a	10 samples 1 inch x 1 inch do do do
18,393	8 samples iron 1½ inch (round) showing texture or grain, L.W.R.O., B.B.B. Crvs.
18,393a	8 samples round iron, 1 inch do do
18,394	2 samples of 1½-inch square iron, showing bending qualities, L.W.R.O.
18,395	4 samples ¾-inch round iron, Hurst best; best chain, showing bending qualities.
18,396	7 samples horse-shoe iron, L.W.R.O., showing bending qualities.
18,396a	15 do. do
18,397	9 finished horse-shoes, branded Guest L.W.R.O., best.
18,397a	4 finished horse-shoes, brand L.W.R.O.
18,397b	3 finished horse-shoes, branded L.W.R.O., best.
18,398	2 samples iron 2 inch x ½ inch, showing bending qualities, L.W.R.O.
18,399	2 samples plate-iron ¾-inch, triangular in form.
18,400	A piece of 1½-inch round iron, worked in various shapes, <i>i.e.</i> , horse-shoe, core, twist, nails, &c.
18,401	Wrought-iron fork in the rough, made from 2 inch x ½ inch iron, brand, L, crown, W.R.O.; best best Crvs.
18,402	Double fork, made from iron 2 inch x ½-inch, showing malleability; wrought iron, L.W.R.O.; B.B.B. Crvs.
18,403	1½-inch square iron, wrought and beaten into various shapes, hand, spoon, tongues, &c., showing malleability, L.W.R.O.; B.B.B. Crvs.
18,403a	1-inch square iron showing malleability.
18,404	1 sample ¾-inch round iron, L.W.R.O.; best best, showing bending qualities.
18,404a	3 samples 1½-inch round iron, L.W.R.O.; best best best, showing bending qualities.
18,404b	2 samples 1½-inch round iron, L.W.R.O.; best best best, showing bending qualities.
18,404c	1 sample 1½-inch round iron, L.W.R.O.; best best best, showing bending qualities.
18,405	1 sample 1-inch rivet-iron, cut longitudinally and hammered, L.W.R.O., best.
18,405a	1 sample 1½-inch rivet-iron, cut longitudinally and hammered, L.W.R.O.; best best best.
18,406	3 samples ¾-inch round iron, showing bending qualities.
18,406a	5 samples 1½-inch round iron, L.W.R.O., best best, showing bending qualities.
18,406b	2 samples 1½-inch round iron, L.W.R.O., best best, showing bending qualities.
18,406c	2 samples 1½-inch round iron, L.W.R.O., best best, showing bending qualities.
18,406d	1 sample 1½-inch round iron, L.W.R.O., best, showing bending qualities.
18,406e	6 samples 1-inch round iron, L.W.R.O., best, showing bending qualities.
18,407	Thumb-screw in the rough, showing malleability, L.W.R.O.
18,408	1 sample iron, 2 inches x ½ inch, showing punching qualities.
18,409	2 samples malleable iron, worked in various shapes.
18,410	2 hammers, in the rough, made from L.W.R.O. iron.
18,411	1 sample, Y shaped, made from L.W.R.O. iron.
18,412	Part of tire made from L.W.R.O. iron.
18,413	1 sample 1½-inch square iron, L.W.R.O., showing bending qualities.
18,413a	3 samples 1-inch square iron, L.W.R.O., best best, showing bending qualities.
18,414a	1 sample 1½-inch round iron, L.W.R.O., showing bending qualities.
18,414	1 sample 2-inch round iron, L.W.R.O., showing bending qualities.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
------------	-----------------------

June 5.

18,432 A Beam Engine by the celebrated Watt. Messrs. Whitbread & Co., Brewers, Chiswell-street, London, E.C., through E. A. Cowper, Esq., London, and Professor Liversidge, M.A., F.R.S., Sydney.

It is a very interesting and very early example of Boulton and Watts' manufacture, having been erected in 1765, and having worked well till 1887 (102 years), when it was taken down simply to make room for one of greater power. Mr. E. A. Cowper, the distinguished engineer, says, "I doubt if there is another like it left anywhere now." He was also kind enough to furnish the following interesting particulars concerning it in a letter to Professor Liversidge.

The only reason for its being pulled down is to make room for a more powerful engine of a much more economical character, viz., one burning much less than half the fuel per horse-power. The following quaint inscription is on a brass plate on the engine:—

The steam-engine was first invented by the most noble Edward Somerset, Marquis and Earl of Worcester, 1655.
Improved by Captain Thomas Savery, 1699.

Further improved by Thomas Newcomen and John Cawley, Ingenious Mechanics of Dartmouth, in the County of Devon, 1712.

The expense in fuel reduced one half by Mr. John Smeaton, F.R.S., of Austhorpe, in the County of York, Civil Engineer, 1768.

Greatly enlarged in its powers and uses, and brought to its present state of perfection by Mr. James Watt, F.R.S., of the City of Glasgow, who received His Majesty's Patent, 1769.

And in conjunction with Mr. Matthew Boulton, of Birmingham, F.R.S., obtained an Act for the exclusive privilege for 25 years, commencing 1775.

They erected this engine, which performs the work of 35 horses, 1785.

But in the course of 10 years' use more power being found necessary, this engine was altered to make it equal to the work of 70 horses.

It is stated, it will be observed, that ten years after its erection it was increased in power, and it is believed that at this time the iron beam was substituted for the original wooden beam, and an iron connecting rod added; also, that the long diagonal iron strut was added to stiffen the framing, which is of wood. I may state that the teeth in the "sun wheel" of the "sun and planet motion" gave way several times, being only of wood; these were replaced by brass teeth, which are now in the wheel, and have stood their work very well, when the engine has been worked of late years as a "stand by" engine, when the other engine in the brewery required repair.

It will be noticed that the valve motion is distinctly a "tappet motion," with catches that are let off, for opening some valves, by the very small portion of the stroke of the engine, there being a small "set-screw" which is so set as just to detach the latch at the end of the stroke.

The balance-weights to the valves work in pots of water, having a hole in the side of the pot, just softening the blow, or acting to some extent as "cataracts."

There are no eccentrics to the engine, though all the later Boulton and Watts' engines had them.

The cylinder is not "steam-jacketted" like more modern Boulton and Watts' engines, but it is well "logged" with wood.

I may mention that there used to be an old copper boiler of the "haystack" form, with a domed top; this was only safe for low-pressure steam, and I took it down in 1877. It was of curious construction, having $1\frac{1}{8}$ -inch rivets at $3\frac{1}{2}$ -inch pitch, and the heads were $3\frac{1}{2}$ inches in diameter.

I will trace some indicator figures that I have, off the old engine, and enclose them to you, together with some figures off the new compound engine, as soon as the work is on it; it will have 80 lb. steam, and expand largely, and has a "Cowper's hot pot," or steam-jacketted steam receiver between the cylinders, and an "evaporative surface condenser," to avoid using the valuable cold water from the well, used for cooling werts.

WOOL.

January 17.

Messrs. Hodgson and Ramsay, Eton Vale, Darling Downs, Queensland:—

- 17,807 Stud ram; champion grass-fed; skirted fleece, 12 lb.; from Toowoomba Show, 1886.
- 17,808 Stud ram; strong combing fleece, 14 lb.
- 17,809 Stud ram; very superior combing fleece, 12½ lb.
- 17,810 Stud ram; very superior combing fleece, 13½ lb.
- 17,811 Stud ram; fine combing fleece, 15 lb.
- 17,812 Champion ewe; superior combing fleece, 13 lb.
- 17,813 Champion ewe; strong combing fleece, 14½ lb.
- 17,814 Champion ewe; fine combing fleece, 13 lb.
- 17,815 Champion ewe; strong combing fleece, 13½ lb.
- 17,816 Stud ewe; strong combing fleece, 13 lb. 3 oz.

[The last four samples from Toowoomba Show, 1887.]

Wellshot Station, Barcaldine, Queensland, the property of the New Zealand and Australian Land Company (Limited):—

- 17,817 Aged stud rams; 4 samples.
- 17,818 Fat wethers; 5 samples.
- 17,819 Stud ewes with lambs; combing superior to medium; 18 samples.
- 17,820 Aged stud ewes; clothing wool; 6 samples.
- 17,821 Ewe hoggets; 2 samples.
- 17,822 Aged ewe; showing distinct serration.

Sir Francis Murphy, Northampton Downs, Central Queensland:—

- 17,823 Imported Tasmanian ram, "Sir Thomas" blood; purchased, 1887.

February 9.

Messrs. Lackay, Wallace, and Mills, Nudda Station, near Cootamundra, through Messrs. Trebeck Son and Gair, Sydney:—

- 17,913 High-class stud ram.

APPENDIX IV—continued
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
H. C. White, Esq., Havilah, Dungaree, Mudgee, through Messrs. Trebeck Son and Gair, Sydney :—	
17,914	Black Wool, extra quality, grown at Havilah, from prize Havilah sheep; awarded Special Centennial Prize at the Centennial Agricultural Exhibition, Sydney, 1888. One of the most valuable specimens of black wool in the Colonies, probably the best. Valued in grease at 1s. 10d. per lb.
17,915 to 17,924	Ten samples of very superior combing Hogget Wool. Value, 1s. 2d. per lb.
17,925 to 17,928	Four samples superior combing Ewes' Wool. Value, 1s. 2d. per lb.
17,928, a, b, c	Three samples Ewes' Wool.
Mr. F. W. Hume, Tarango, Burrowa, N.S.W., through Messrs. Mort & Co. Sydney :—	
17,929 to 17,934	Six samples Merino Greasy Combing Wool; age of sheep, from 2 to 3 years; growth of wool, 370 days. The wool exhibited was grown at Tarango, and is from sheep by a stud ram bred by David Taylor, St. Johnston, Tasmania, and shows a marked improvement. Fed on natural grasses only, and unhoused.
Mr. R. H. F. Hume, Everton, Burrowa, N.S.W. :—	
17,935 to 17,938	Four samples Merino Combing Wool, unwashed; aged ewes rearing lambs; growth of wool, 357 days; wool grown at Everton Station; bred, previous to the year 1865, from imported Saxon merino rams, subsequently from rams purchased from N. P. Bayly, of Havilah, Mudgee. Fed on natural grasses only, and unhoused.
Mr. F. W. Hume, Tarango, Burrowa, N.S.W.; agents—Messrs. Mort & Co. :—	
17,939 to 17,942	Four samples Merino Combing Wool, hoggets'; grown at Tarango; growth of wool, 390 days. The wool exhibited is from sheep by a stud ram; bred by David Taylor, St. Johnston, Tasmania, and shows marked improvement. Fed on natural grasses only, and unhoused.
17,943 to 17,948	Wool, grown at Tarango; growth about 400 days. Flock bred from N. P. Bayly's Mudgee sheep, and crossed with a ram bred by David Taylor, Tasmania.
Messrs. F. & A. Cox, Oakfields, Mudgee :—	
17,949 to 17,954	Six samples Greasy Combing Wool, taken from pedigree stud ewes; growth of wool, 12 months.
February 11.	
— Hawkins, Esq., Eunonyhareenyha, Wagga Wagga :—	
17,955 to 17,958	From 4-tooth and 8-tooth ewes out of breeding flock. Wool grown at Wallinga, Mudgee. Pure Broombee blood. Running in natural-grass paddock, never housed or fed.
17,959 to 17,966	Eight samples of Wool from stud ewes, 4-tooth. Value, 1s. per lb.
17,966a to 17,973	Eight samples of Wool from stud ewes, 8-tooth. Value, 1s. per lb.
17,974 to 17,977	Four specimens Hogget Wool. Value, 1s. per lb.
17,978 to 17,982	Five specimens of Wool from wethers. Value, 9d. per lb.
17,983 to 17,984	Two specimens Lambs' Wool; very superior. Value, 1s. per lb.
February 15.	
Messrs. Dangar Brothers, Gostwyck, Uralla, New England :—	
18,000 to 18,011	Twelve specimens Hoggets' Wool, grown at Gostwyck. Value, 1s. 2d. per lb.
18,012 to 18,014	Three specimens Breech Wool (lowest part of fleece) from Hoggets.
18,015 to 18,028	A very fine Combing Wool from the general flock; used in making ladies' dress goods. Value, 1s. per lb.
18,029 to 18,031	Three samples Breech Wool, from ewes of general flock.
February 18.	
T. Warnes, Esq., Koomooloo, South Australia, through Messrs. Goldsbrough & Co., Sydney :—	
18,036	Fleece of 4-tooth ram; extra strong and deep-grown combing; sheep fed on salt-bush country; weight of fleece, 15 lb. 12½ oz.
18,037	Fleece of 4-tooth ewe; extra strong and deep-grown combing; sheep fed on salt-bush country; weight of fleece, 11 lb. 11 oz. Value, 8d. per lb.
18,038	Belly Wool from No. 18,037.
18,039	Breech Wool of No. 18,036.
February 20.	
Messrs. John Payton, Son, & Co., Sydney :—	
18,040	Frame containing Knitting Yarns.
February 20.	
Mr. John R. Chappel, Wool-scouring Works, Dundee, New South Wales, through The New Zealand Loan and Mercantile Agency Company, Sydney :—	
18,053	Fellmongered Wool; grown at Grass Vale, Dundee, New England, New South Wales. First Prize at Centennial Agricultural Show, Sydney, 1888.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
February 29.	
Mr. J. R. Chappel, Wool-scouring Works, Dundee, New South Wales:—	
18,054	Sample Cross-bred Skin Wool; scoured in perforated iron boxes; household soap only used.
18,055	Wool grown at Grass Vale; growth, 360 days; flocks bred from pure merino rams and ewes. Plan of scouring, with perforated iron boxes and spouts. Household soap only used.
Mr. B. Hayden, Bloomfield, Blandford, New South Wales, through New Zealand Loan and Mercantile Agency Company:—	
18,056	Combing Wool, Greasy; ewe's, 2 years old; 363 days' growth. Sheep descended from original Camden stud flock. Fed on natural grasses only.
J. B. Bettington, Esq., Brindley Park, Merriwa, Mudgee:—	
18,057 to 18,062	Six samples of Wool from Stud Rams, a combination of the celebrated studs of "Havilah," "Oakfields," and "Scone" (Tasmania).
18,063 to 18,065	Three samples showing back part of Wool from Nos. 18,057, 18,058, and 18,062.
18,066 to 18,067	Samples of Breech Wool from Nos. 18,057 and 18,062.
18,068 to 18,070	Samples Belly Wool from Nos. 18,057, 18,060, and 18,061.
April 3.	
A superb collection (in show-case) of Merino Wool, in various stages of manufacture.—Messrs. John Priestman & Co., Ashfield Mills, Bradford, Yorkshire:—	
18,071	Greasy Port Phillip Wool.
18,072	Fleece-washed Port Phillip Wool.
18,073	Scoured Port Phillip Wool.
18,074	Greasy Fleece and Scoured Port Phillip Wool; mixed and washed ready for carding.
18,075	"Carding," <i>i.e.</i> , Ball of Wool Carded.
18,076	"Top," <i>i.e.</i> , Ball of Wool Combed, with short wool and burrs extracted.
18,077	"Noils," <i>i.e.</i> , short wool and knots extracted in combing.
18,078	Third Drawing Operation.
18,079	Fourth Drawing Operation.
18,080	Fifth Drawing Operation.
18,081	Sixth Drawing Operation.
18,082	Seventh Drawing Operation.
18,083	Eighth Drawing Operation.
18,084	Ninth Drawing Operation.
18,085	Tenth Drawing Operation.
18,086	Eleventh Drawing Operation.
18,087	Spun Quality Single Yarn, 48's, for worsted coating trade.
18,088	Spun Quality Single Yarn, 60's, for Bradford stuff trade.
18,089	Spun Quality Single Yarn, 90's, for fine Bradford stuff trade.
18,090	Spun Quality Single Yarn, 68's, for export trade.
18,091	Spun Quality Two-fold Yarn, 20's, banded and scoured for hoisery trade.
18,092	Spun Quality Two-fold Yarn, 36's, hard twisted and warped.
18,093	Spun Quality Single Yarn, 20's, for heavy coating trade.
18,094	Spun Quality Two-fold Yarn, 36's, on double-headed bobbins for winding.
18,095	Spun Quality Two-fold Yarn, 36's, hard twisted, on bobbins for warping.
Collection of Cross-bred Wools, raw and in different stages of manufacture.—John Dale & Co., Worsted Spinners, Bradford, York:—	
18,091a	Three-quarter-bred wool, Merino and Southdown, showing best part of fleece, viz., shoulder.
18,092a	From same fleece as 18,091, showing "breech."
18,093a	Half-bred Merino and Leicester.
18,094a	Half-bred Merino and Leicester, "breech" wool.
18,095a	Three-quarter-bred Leicester and Merino.
18,096	Three-quarter-bred Leicester and Merino, showing "breech."
18,097	Half-bred Merino and Leicester. A very wasty wool, and one which will give much "noil."
18,098	Cross-bred Wool, scoured.
18,099	Cross-bred Wool, carded.
18,100	Cross-bred Wool, combed, in tops or sliver.
18,101	Noils from cross-bred combed wool.
18,102	"Slubbed" Cross-bred Wool. First process after combing; for spinning.
18,103	"Roving," next process after "slubbing."
18,104	Two-fold or Double Yarn. Process after "roving."
18,105	Sample of Single Yarn on Spool ready to put in shuttle for weaving.
18,106	Four spools or bobbins of Yarn Warp (damaged).
18,107-8	Two spools or bobbins of Yarn ready to put into shuttle.
18,109	Yarn on tube, for export.

APPENDIX IV—*continued.*
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
March 24.	
Lucien Faithfull, Esq., Springfield, Goulburn :—	
18,171	Five samples, very superior Combing Wool from stud rams, progeny of "Grand Prince," of which a photograph was sent.
18,172	Three samples, very superior Combing Wool, shorter staple than No. 18,171.
18,173	Eleven samples, fine Combing Wool from stud rams.
18,174	Three specimens of strong Combing from stud rams.
N.Z. Loan and Mercantile Agency Co. (Limited), Sydney :—	
18,175	Cross-bred Skin Wool, scoured. Value, 7½d. per lb.
Messrs. Shanahan and Jennings, Westbrook, Darling Downs, Queensland :—	
18,176	Wool from ewes, medium combing, fair quality and length; weight of fleece, 6 lb.
18,177	Wool of 6-tooth ewe, rearing lamb; useful combing of fair quality.
18,178	Wool of 6-tooth ewe, rearing lamb; well-grown, and bald combing.
18,179	Wool of 6-tooth ewe, rearing lamb; wool of shoulder, best part of fleece.
18,180	Breech Wool of No. 18,179.
18,181	Wool from wether; nice specimen of combing.
18,182	Combing Wool from wether.
18,183	Strong Combing Wool from wether; 12 months' growth; weight of fleece, 9½ lb.
18,184	Wool from wether; heavy deep-grown combing; weight of fleece, 9½ lb.
18,185	Wool from hogget; well grown, and strong combing.
April 4.	
— Webb, Esq., Baden Park, Wilcannia :—	
18,210	Fine Carding (ewe's wool).
18,211	Combing (ewe's wool).
18,212	Medium Carding (ewe's wool).
18,213	Medium Combing (ewe's wool).
18,214	Low Combing (ewe's wool).
18,215	Four specimens Ewe Hoggets' Wool, showing good combing length.
April 26.	
The Manager, Strathdarr Station, Darling Downs, Queensland :—	
18,302	Scoured Wool (ewe).
18,303	Scoured Wool (ewe).
18,304	Scoured Wool (lamb).
The Manager, Darr River Downs, Queensland :—	
18,305	Clothing Wool, scoured.
18,306	Combing Wool, scoured.
The Manager, Lansdowne Pastoral Company, Evesham Station, Muttaborra, Queensland :—	
18,307-8	Two samples Carding Wool (ewes').
18,309-11	Three samples Combing Wool (ewes').
18,312-15	Four samples Hoggets' Wool (ewes').
May 4.	
Alexander Sloane, Esq., Mulwala Station, Riverina :—	
18,332-38	Seven samples of Wool, exhibited at the Centennial Agricultural Show, Moore Park, Sydney, January, 1888.
18,339-43	Five samples Fleece Wool, exhibited at the Centennial Agricultural Show, Moore Park, Sydney, 1888.
18,344	One sample Breech Wool, exhibited at the Centennial Agricultural Show, Moore Park, Sydney, 1888.
July 13.	
Mr. Briggs, Sydney :—	
18,565	One sample Wool.
September 18.	
James M'Kees, Esq., Hazel Park, Conargo, N.S.W. :—	
19,022	One sample Ram's Wool; 9 months' growth.
19,023	One sample Ram's Wool; 9 months' growth.
19,024	One sample Ewe's Wool; 12 months' growth.
19,025	One sample Ewe's Wool; 9 months' growth.
19,026	One sample Wool of old ewe; 9 months' growth.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
September 24.	
Jas. Lee, Esq., Larras Lake, Molong :—	
19,033	One sample of Wool of 4-tooth ram ; grass-fed.
19,034	One sample of Wool of 2-tooth ram ; grass-fed.
19,035	One sample of Wool of 2-tooth ram ; grass-fed.
19,036	One sample of Wool of 8-tooth ram ; grass-fed ; 11 months' growth.
19,037	One sample of Wool of 8-tooth ram ; grass-fed ; growth of wool, 11 months.
19,038	One sample of Wool of 8-tooth ram ; grass-fed.
19,039	One sample of Wool of 2-tooth ewe ; grass-fed ; growth of wool, 11 months.
19,040	One sample of Wool of 2-tooth ewe ; grass-fed ; growth of wool, 11 months.
19,041	One sample of Wool of 2-tooth ewe ; grass-fed ; growth of wool, 11 months.
19,042	One sample of Wool of 2-tooth ewe ; grass-fed ; growth of wool, 11 months.
19,043	One sample of Wool of 2-tooth ewe ; grass-fed ; growth of wool, 11 months.
19,044	One sample of Wool of 2-tooth ewe ; grass-fed ; growth of wool, 11 months.
[The six samples (19,033 to 19,038) of rams' wool averaged 20½ lb. in weight. The six samples (19,039 to 19,044) of ewes' wool averaged 12½ lb. in weight. All the above sheep took prizes at Bathurst Show, held in April, 1888, and since then have been grass-fed in box country, with rich alluvial black flats, sown with prairie rye and lucerne.]	
September 28.	
Messrs. Russell & Co., Barunah Plains, Hesse, Victoria :—	
19,045	One sample Wool of 4-tooth ram ; growth of wool, 342 days ; weight of fleece, 13½ lb.
19,046	One sample Wool of 4-tooth ram ; growth of wool, 366 days ; weight of fleece, 12½ lb.
19,047	One sample Wool of 4-tooth ram, No. 9, offered for sale in Melbourne, bought in for £15 15s ; weight of fleece, 12½ lb.
19,048	One sample Wool of 4-tooth stud ram ; growth of wool, 334 days ; weight of fleece, 13½ lb. This ram is used in stud flock.
19,049	One sample Wool of 4-tooth ram, used in common flocks ; growth of wool, 349 days ; weight of fleece, 12½ lb.
19,050	One sample Wool of 4-tooth ram, used in common flocks ; growth of wool, 347 days ; weight of fleece, 12 lb.
19,051	One sample Wool of 4-tooth ram, No. 5, bought in at Melbourne for £15 15s ; weight of fleece, 11 lb.
October 3.	
F. W. Hume, Esq., Tarengo, Burrowa, N.S.W. :—	
19,067	One sample Wool of young ewe, grass-fed and unhoused ; growth of wool, 11 months.
19,068	One sample Wool of hogget ram, grass-fed and unhoused ; shorn as a lamb ; growth of wool, about 11 months.
19,069.	One sample Wool of hogget ram, grass-fed and unhoused ; shorn as a lamb ; growth of wool, about 11 months.
Hon. Philip Russell, M.L.C., Carngham, Victoria :—	
19,091-2	Two samples of Wool.
October 9.	
H. R. F. Hume, Everton, Burrowa :—	
19,093	One sample Wool of ewe, 3 years old. This sheep took 1st prize in her class when exhibited (twice), at Yass and Burrowa Shows (1888) ; growth of wool, 11½ months ; weight of fleece, 11 lb.
19,094-5	Samples of Skirtings of No. 19,093. One sample wool of ewe, aged 8 years, rearing lambs 3 months old ; growth of wool, 11½ months ; weight of fleece, 11 lb. This ewe won four "champion" prizes.
19,096	Skirtings from No. 19,095.
November 12.	
M. Minter, Esq., Dhurringile, Murchison, Victoria :—	
19,098	Sample of Wool of cross-bred sheep out of merino ewe, by Lincoln ram.
19,099	Sample of Wool of cross-bred sheep out of cross-bred ewe, by merino ram.
19,100	Sample of Wool of sheep out of cross-bred ewe, by merino ram.
19,101	Sample of pure merino Wool of stud sheep.
November 23.	
Mr. Phillip Lee, 29, Lower Fort-street, Sydney :—	
19,113	One fleece Wool ; weight, 9 lb.
19,114	One fleece Wool ; weight, 9 lb.
19,115	One fleece Wool ; weight, 10 lb. Champion prize winner for length, density, and staple of wool, and build of sheep.
November 24.	
H. C. White, Esq., Havilah, Mudgee :—	
19,118-23	Six samples of Wool.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
ECONOMIC BOTANY.	
<i>(a) Miscellaneous.</i>	
April 16.	
C. C. Armytage, Sydney :—	
18,239-41	Cocoa-nut Fibre, 1st, 2nd, and 3rd qualities, Ceylon. Called "mattress fibre"; used for mattresses, and also to make coir yarn.
18,242	Kapok, Calcutta (<i>Bombax malabaricum</i>).
18,243	Kapok, Java; used for stuffing pillows, &c.
18,244	Cinnamon Chips, Ceylon; used in the manufacture of essential oil.
18,245	Plumbago (2nd quality), Ceylon.
Miss M. A. Clements, Palesthan, Condobolin :—	
18,246	Collection of 120 plants, indigenous to New South Wales, comprising specimens in Flower and Fruit.
May 21.	
Mr. Henry Vincent, 154, Castlereagh-street, Sydney :—	
18,450	Pentagonal Basket, made from the seeds of the Whampee (<i>Cookia punctata</i>), worked from the centre to each angle; ornamented with white beads and Barricarri seeds; handle of rattan covered with seeds, probably from the South Sea Islands, possibly Samoa.
March 16.	
Messrs. Rottman, Strome & Co., Tokyo, Japan :—	
18,156 to 18,169	Fourteen specimens of Japanese "Leather Paper" (made from fibre of the Paper Mulberry).
16 April.	
C. C. Armytage, Esq., Sydney :—	
18,224	Cinnamon, "Superior." Bambalapitiya Estate, Colombo, Ceylon.
18,225	Cinnamon, No. 1. Bambalapitiya Estate, Colombo, Ceylon.
18,226	Cinnamon, No. 2. " "
18,227	Cinnamon, No. 3. " "
18,228	Cinnamon, No. 4. " "
No. 18,224 is from the inner bark, and is of too fine a quality and too laboriously rolled to pay as a commercial product.	
18,229 to 18,235	Coir Yarn. Six specimens showing different qualities. Ceylon.
18,236-8	Kitool Fibre (<i>Corypha urens</i>), three qualities. Ceylon. Used for the manufacture of the most expensive (locally) brooms and brushes.
<i>(b) The following specimens, Australian with hardly an exception, are separately listed for convenience.</i>	
8 February.	
Presented by the Curator :—	
17,911	Xanthorrhæa arborea (Grass-tree Gum); H. Br. (Juncaceæ.) Oatley's Grant, Illawarra Line.
21 February.	
Presented by Mr. J. C. Brown, F.L.S., Conservator of Forests of South Australia :—	
18,041	Xanthorrhæa Tateana; F. v. M. (Juncaceæ.) Kangaroo Island, South Australia. "Grass-tree Gum."
24 February.	
Presented by Miss A. Lovegrove, Sydney :—	
18,042	Eucalyptus maculata; Hook. "Spotted Gum." (Myrtaceæ.) Illawarra, N.S.W. Tinder or amadou formed by a fungus (<i>Xylostroma giganteum</i> , Fries.) in the wood. It is very like chamois leather in texture and appearance.
29 February.	
Presented by the Colonial Botanist, Brisbane :—	
18,046	Eucalyptus hæmastoma; Sm. "Scribbly Gum." (Myrtaceæ.) Queensland. Kino.
18,047	Eucalyptus microcorys; F. v. M. "Turpentine-tree." (Myrtaceæ.) Queensland. Kino.
18,048	Eucalyptus resinifera; Sm. "Jemmy Low." (Myrtaceæ.) Queensland. Kino.
18,049	Eucalyptus siderophloia; Benth. "Ironbark." (Myrtaceæ.) Queensland. Kino.
18,050	Eucalyptus maculata; Hook. "Spotted Gum." (Myrtaceæ.) Queensland. Kino.
18,051	Semecarpus anacardium; Lind. "Marking-ink Nuts." Anacardiaceæ. India. Nuts grown in Queensland.
10 March.	
Presented by Mr. M. P. Hansen :—	
18,056a	Acacia decurrens; Willd. "Black Wattle Gum." Leguminosæ. Gosford.
26 March.	
Presented by the Curator :—	
18,185a	Angophora lanceolata; Cav. "Red Gum." (Myrtaceæ.) Tram Terminus, Botany.
4 April.	
18,196	Acacia linifolia; Willd. (Leguminosæ.) The Valley, Blue Mountains, N.S.W. Gum.
18,197	Acacia elata; A. Cunn. (Leguminosæ.) Fitzgerald's Creek, The Valley. Gum.
18,198	Eucalyptus eugenioides; Sieb. "Stringybark." (Myrtaceæ.) Between Springwood and The Valley. Kino.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
18,199	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtaceæ) The Valley. Kino from concentric circles of the wood.
18,200	<i>Angophora lanceolata</i> ; Cav. "Apple-tree." (Myrtaceæ) The Valley. Kino.
18,201	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtaceæ) The Valley. Kino.
18,202	<i>Eucalyptus saligna</i> ; Sm. (Myrtaceæ) The Valley. Bark.
18,203	<i>Baccharis myrtifolia</i> ; Hook. et Harv. "Water Myrtle." (Myrtaceæ) The Valley. Bark.
18,204	<i>Tristania laurina</i> ; R. Br. "Water Box." (Myrtaceæ) The Valley. Bark.
18,205	<i>Hakea saligna</i> ; R. Br. (Proteaceæ) The Valley. Bark.
18,206	<i>Callicoma serratifolia</i> ; Andr. "Beech." (Saxifragæ) The Valley. Bark.
18,207	<i>Ceratopetalum gummiferum</i> ; Sm. "Christmas Bush." (Saxifragæ) The Valley. Bark.
18,208	<i>Eucalyptus punctata</i> ; DC. "Leather-jacket." (Myrtaceæ) The Valley. Kino.
18,209	<i>Eucalyptus eximia</i> ; Schau. "Yellow Bloodwood." (Myrtaceæ) The Valley. Leaves.
16 April.	
18,248	<i>Acacia elata</i> ; A. Cunn. (Leguminosæ) The Valley. Bark.
18,249	<i>Ceratopetalum apetalum</i> ; D. Don. "Coachwood." (Saxifragæ) The Valley. Bark.
18,250	<i>Eucalyptus punctata</i> ; DC. "Leather-jacket." (Myrtaceæ) The Valley. Bark.
18,251-2	<i>Angophora lanceolata</i> ; Cav. "Apple-tree." (Myrtaceæ) The Valley. Bark (two samples from differently-grown trees.)
18,253	<i>Banksia serrata</i> ; Linn. "Honeysuckle." (Proteaceæ) The Valley. Bark.
18,254	<i>Eucalyptus Sieberiana</i> ; F. v. M. (Myrtaceæ) The Valley. Bark.
18,255-6	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtaceæ) The Valley. Bark (two samples from differently-grown trees.)
18,257	<i>Eucalyptus eugenioides</i> ; Sieb. "Stringybark." (Myrtaceæ) The Valley. Bark.
18,258-9	<i>Casuarina torulosa</i> ; Ait. "Forest Oak." (Casuarinæ) The Valley. Bark (two samples from differently-grown trees.)
18,260	<i>Eucalyptus tereticornis</i> ; Sm. "Red Gum." (Myrtaceæ) The Valley. Bark.
18,261	<i>Eucalyptus saligna</i> ; Sm. "Blue Gum." (Myrtaceæ) The Valley. Bark.
18,262	<i>Doryphora sassafras</i> ; Endl. "Sassafras." (Monimiaceæ) The Valley. Leaves.
18,263	<i>Angophora lanceolata</i> ; Cav. "Apple-tree." (Myrtaceæ) The Valley. Kino.
18,264	<i>Eucalyptus punctata</i> ; DC. "Leather-jacket." (Myrtaceæ) The Valley. Kino and leaves.
18,265-6	<i>Eucalyptus corymbosa</i> ; Sm. "Bloodwood." (Myrtaceæ) The Valley. Kino (two samples) and leaves.
18,267	<i>Eucalyptus engenioides</i> ; Sieb. "Stringybark." (Myrtaceæ) The Valley. Kino.
18,268	<i>Eucalyptus piperita</i> ; Sm. "Peppermint." (Myrtaceæ) The Valley. Kino.
18,269	<i>Sida retusa</i> ; Linn. "Queensland Hemp." (Malvaceæ) The Valley. A bundle of the stems.
18,270	<i>Eucalyptus eximia</i> ; Schau. "Yellow Bloodwood." (Myrtaceæ) The Valley. Kino and bark.
18,272	<i>Xylomelum pyriforme</i> ; Knight. "Native Pear." (Proteaceæ) The Valley. Gum.
24 April.	
18,296.	<i>Frenela rhomboidea</i> ; Endl. "Cypress Pine." (Coniferæ) Near Clontarf, Middle Harbour. Sydney. Bark and resin.
30 April.	
18,316	<i>Eucalyptus pilularis</i> ; DC. "Blackbutt." (Myrtaceæ) Eastwood, near Sydney. Kino.
18,317	<i>Eucalyptus saligna</i> ; Sm. "Blue Gum." (Myrtaceæ) Eastwood. Kino.
18,318	<i>Eucalyptus paniculata</i> ; Sm. "White Ironbark." (Myrtaceæ) North Ryde. Kino.
18,319	<i>Angophora intermedia</i> ; DC. "Apple-tree." (Myrtaceæ) Eastwood. Kino.
18,320	<i>Eucalyptus pilularis</i> ; DC. "Blackbutt." (Myrtaceæ) Eastwood. Bark.
18,321	<i>Eucalyptus paniculata</i> ; Sm. "White Ironbark." (Myrtaceæ) North Ryde. Bark.
18,322	<i>Eucalyptus acmenioides</i> ; Schau. "White Mahogany." (Myrtaceæ) Eastwood. Bark.
21 May.	
18,449	<i>Eucalyptus pilularis</i> ; DC. "Blackbutt." (Myrtaceæ) Ashfield, near Sydney. Three logs.
25 April.	
Presented by the Hon. W. Macleay:—	
18,349	<i>Spinifex rosin.</i> (Gramineæ?) Near Derby, Western Australia. Vegetable matter cemented by an ill-smelling resin of an orange colour. In cakes, about 3 inches in diameter, and used by the aborigines for cementing the heads of their spears.
16 August.	
Presented by Mr. A. W. Aspinall, Eden:—	
18,960	<i>Alyxia buxifolia</i> ; R. Br. (Apocynæ) Eden, N.S.W. Stem and roots. Reputed to possess medicinal properties for curing pulmonary complaints.
11 September.	
Presented by Mr. S. Sinclair, Sydney:—	
19,019	<i>Leucadendron argenteum.</i> "Silver-leaf Plant." (Proteaceæ) Cape Colony. Leaves.
Presented by Miss M. A. Clements, Palestan:—	
19,020.	<i>Fusanus acuminatus</i> ; R. Br. "Quandong." (Santalacæ) Palestan, Condobolin. Dried fruit.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
	19 September.
	Presented by the Curator:—
19,027	<i>Eugenia Smithii</i> ; Poir. "Lilly Pilly." (Myrtaceæ.) Oatley's Grant, Illawarra Line. Bark.
19,028	<i>Acacia prominens</i> ; A. Cunn. (Leguminosæ.) Penshurst, Illawarra Line. Bark.
	28 September.
	Mons. P. Durieux, Sydney:—
19,052	<i>Araucaria</i> sp. (Coniferæ.) New Caledonia. Piece of wood exuding an aromatic resin.
	1 October.
	Presented by Dr. Cox, Sydney:—
19,060	<i>Macrozamia</i> sp. "Native Pulu." (Cycadeæ.) Western Australia. Wool and seeds of the boyar or wool palm. Much used for making beds in W.A.
19,061	<i>Typha</i> sp. "Bull-rush Down." (Typhaceæ.) Western Australia
19,062	<i>Acacia homalophylla</i> (?); A. Cunn. "Curly Yarran." (Leguminosæ.) N.S.W. Baluster.
	8 October.
	Presented by Mr. R. C. Riley, through Dr. Cox, Sydney:—
19,105	<i>Acacia dealbata</i> ; Link. "Silver Wattle." (Leguminosæ.) Glenmore, Penrith, N.S.W. Bark.
19,106	<i>Acacia mollissima</i> ; Willd. "Green Wattle." (Leguminosæ.) Fernhill, Mulgoa, N.S.W. Bark.
19,107	<i>Acacia decurrens</i> ; Willd. "Green Wattle." (Leguminosæ.) Fernhill, Mulgoa. Bark.
19,108	<i>Acacia prominens</i> ; A. Cunn. "Grey Wattle." (Leguminosæ.) Fernhill, Mulgoa. Bark.
	14 November.
	Presented by Mr. G. Brown, Sydney:—
19,102	<i>Eucalyptus siderophloia</i> ?; "Red Ironbark." (Myrtaceæ.) In the old Central Police Court, Sydney. These pieces of timber (Nos. 19,102, 19,103, and 19,104) formed a portion of the building materials, and have been in use over sixty years.
19,103	<i>Eucalyptus crebra</i> ? "Grey Ironbark." (Myrtaceæ.) See No. 19,102.
19,104	<i>Cedrela australis</i> ; F. v. M. "Cedar Wedge." (Meliaceæ.) See No. 19,102.
	Presented by Mr. R. C. Riley, Glenmore, Penrith:—
19,109	<i>Acacia decurrens</i> , var.; Willd. "Wattle." (Leguminosæ.) Penrith. Flower, leaf, and seed.
	20 November.
	Presented by Messrs. Mailand and McKeown, Sydney:—
19,110	Red Ironbark. See note to No. 19,112.
19,111	<i>Cedrela Australis</i> ; F. v. M. "Cedar." (Meliaceæ.) See note to No. 19,112.
19,112	<i>Araucaria Cunninghamii</i> ; Ait. "Colonial Pine." (Coniferæ.) Old "White Swan Hotel," Queen's Wharf, Sydney.
	Presented by Mrs. R. H. Kennedy, Wonnaminta, Wilcannia:—
19,116	<i>Marsdenia Leichhardtiana</i> ; F. v. M. "Doubar" or "Native Fig." (Asclepiadæ.) Wonnaminta, Wilcannia. Used as food by the aboriginals.
19,117	<i>Cucumis trigonus</i> ; Roxb. "Native Melon." (Cucurbitaceæ.) N.W. Albert District, N.S.W. Used as food by the aboriginals.
(c) The following superb collection is the gift of the Director of the Royal Gardens, Kew, England:—	
<i>Timbers.</i>	
14 June, 1888.	
18,615	<i>Eperua falcata</i> ; Aubl. (Leguminosæ.) British Guiana. Shingles.
18,616	<i>Olinia cymosa</i> ; Thunb. (Lythraceæ.) South Africa. Timber used for musical instruments, picture-frames, and fancy work; also for axles and poles for waggons.
18,617	<i>Castilloa elastica</i> ; Cervantes. "India-rubber Tree." (Urticaceæ.) British Honduras. A spongy, almost worthless, timber.
<i>Fibres and Fibrous Substances.</i>	
18,618	<i>Typha elephantina</i> ; Roxb. (Typhaceæ.) Cuddapah, Madras. Umbrella-mat (Gudala). Used for protecting plants, &c.
18,619	<i>Pandanus odoratissimus</i> ; Liun. "Screw Pine." (Pandaneæ.) India. Mats made of split leaves.
18,620	<i>Borassus flabelliformis</i> ; Linn. "Fan-palm" or "Palmyra." (Palmæ.) India. Mats made from leaves.
18,621	<i>Bambusa</i> sp. "Bamboo." (Gramineæ.) India. Roofing-mats made from split bamboo.
18,622	<i>Calamus</i> sp. "Rattan." (Palmeæ.) India. Mats made from split cane.
18,623	<i>Ichuosiphon aromata</i> ; Korn. "Iturite." (Scitamineæ.) Kernicke, British Guiana. Basket made from the strips of the leaves; woven very openly.
18,624	<i>Streblus asper</i> ; Lour. (Moreæ.) Bangkok, Siam. Book made of the leaves.
18,625	<i>Hierochloa borealis</i> ; Hook. F. (Gramineæ.) N. America. Four mats—one entirely made of this aromatic grass; the other three are tastefully decorated with birch-bark and dyed porcupine-quills.
18,626	<i>Bambusa</i> sp. "Bamboo." (Gramineæ.) India. Strainer made of split bamboo.
18,627	<i>Bauhinia Vahlia</i> ; W. & A. (Leguminosæ.) India. Platters made by sewing the leaves together; used instead of plates.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
18,628	<i>Ravenala guyanensis</i> . (Musaceæ.) Brit. Guiana. Red tomentum from seeds.
18,629	<i>Yucca brevifolia</i> ; Engelm. "Adam's Needles." (Liliaceæ.) Mexico. Boiled fibre.
18,630	<i>Bœhmoria nivea</i> ; Hook. et Arn. "Ramie" or "China Grass." (Urticaceæ.) Gowhatty, India. Fibre.
18,631	<i>Gossypium</i> sp. "Cotton." (Malvaceæ.) India. Five pods (capsules).
18,632	<i>Ficus</i> sp. "Fig" (Urticaceæ.) Botanic Gardens, Mauritius. Fibre (inner bark).
18,633	<i>Thuja gigantea</i> ; Nuttall. "Cedar." (Coniferæ.) Vancouver Island. Fibre from wood.
18,634	<i>Caryota</i> sp. (Palmæ.) Cachar, Assam. Hairy covering from young fronds; used as tinder.
18,635	<i>Pinus palustris</i> ; Sol. "Syn. <i>Pinus australis</i> , Mich." (Coniferæ.) United States of America. Fibre prepared from the leaves; used for mat-making.
18,636	<i>Aloe spicata</i> ; Thun. (Liliaceæ.) Madras. Piece of fine cord.
18,637	<i>Livistonia sinensis</i> ; Griff. (Palmæ.) Hongkong. Piece of rope made from the leaves.
18,638	<i>Sabal palmetto</i> . "Palmetto Palm." (Palmæ.) Bahamas. Piece of rope made from the leaves.
18,639	<i>Raphia ruffia</i> ; Mt. (Palmæ.) Madagascar. Very fine cloth made up into a gaiter.
18,640	<i>Phormium tenax</i> ; Forst. "New Zealand Flax." (Liliaceæ.) New Zealand. Fibre ready for rope-making.
18,641	<i>Linum usitatissimum</i> ; Linn. "Flax." (Linaceæ.) Lahore, India. Prepared fibre.
18,642	" " (Linaceæ.) Russia. Coarse flax.
18,643	" " " " Flax beaten out and then dried.
18,644	" " " " Flax prepared by steeping in water.
18,645	" " " St. Petersburg, Russia. Flax.
18,646	" " " Ireland. Flax.
18,647	" " " " (Co. Mayo). Flax.
18,648	" " " Russia (Porkoff). Tow (fine).
18,649	" " " Ireland. Tow (medium and very coarse).
18,650	" " " " Dry-spun tow.
18,651	" " " " " "
18,652	" " " " Wet-spun tow.
18,653	" " " " Flax yarn, wet-spun.
18,654	" " " " Dry-spun flax twist.
18,655	<i>Corchorus capsularis</i> ; Linn. "Jute." (Tiliaceæ.) India. Fibre.
18,656	" " " " " " Wet-spun twists.
18,657	" Flax " and " Jute." Dry-spun mixture.
18,658	<i>Linum usitatissimum</i> ; Linn. Ireland. Yarns.
18,659	" " " " Four samples to illustrate the preparation of flax.
18,660	Tow (prepared for spinning). " Three samples to illustrate the preparation of tow previous to being spun into yarn.

14 June.

The following fabrics, to illustrate the utilization of flax and jute, were manufactured by Messrs.

Richards & Co., Bradford Works, Aberdeen, Scotland:—

18,661	Brand Sheeting. Flax warp and flax weft. "Shaved" and "finished."
18,662	Railway Waggon Canvas. Flax warp and flax weft. "Shaved" and "finished."
18,663	Flax Tent Cloth. Double flax warp, single flax weft; boiled yarns. "Shaved" and "finished."
18,664	Tent Cloth. Flax warp and flax weft. "Unshaved," "unfinished."
18,665	Plain Art Canvas. Creamed flax yarns. "Finished."
18,666	Etruscan Tapestry. Wet-spun, natural colour. "Finished." Flax warps and bleached flax wefts.
18,667	Linen Scrim. Wet-spun warps and wefts unbleached. "Unfinished."
18,668	Brown Dowlas, for Army and Navy clothing purposes. Flax warps and wefts. "Finished."
18,669	Seamless Flax Hose-piping. Rubber-lined for Fire Brigades, Mines, Railways, &c. "Finished."
18,670	Linen Drill. Flax warps and wefts. Round thread. "Finished."
18,671	Serge Twilled Sheeting, flax warps and wefts. Cloth "bleached" and "finished."
18,672	Creamed Damask Table Linen, medium quality. "Shaved" and "finished." Flax warp and weft.
18,673	Bleached Damask Table Linen, flax warp and weft. "Bleached" and "finished" after weaving.
18,674	Superior Linen Glass-cloth. Bleached flax warps and wefts. Washed and finished after weaving to remove fluff.
18,675	Huckaback Towelling. Flax warps and wefts. "Loom finished"
18,676	Sail Canvas, medium quality, made from flax warps and wefts. "Finished."
18,677	Sail Cloth, superior quality, flax warp and weft. "Unshaved" and "unfinished."
18,678	Table Linen, medium quality, flax warps and wefts. Bleached and "finished" after being woven.
18,679	Linen Drill Short-linings, flax warps and wefts. Round thread. "Finished."
18,680	Roman Tapestry. Wet-spun, flax line warps and wefts. "Finished."
18,681	Linen Scrim. Wet-spun, flax warps and wefts. Bleached and finished.
18,682	Domestic Linen. Turkey-red cotton borders. Bleached flax warps and wefts. Round thread, "Finished."
18,683	Old English Tapestry. Creamed flax warps and wefts. "Finished."
18,684	Linen Drill Short-linings. Wet-spun flax warps and wefts, round thread, "finish."
18,685	All Flax Navy Duck. Creamed flax warps and wefts. "Unshaved" and "unfinished."
18,686	Flax Duck. Awnings and yacht sails. Bleached flax yarns. "Finished."
18,687	Table Linen, medium quality, flax warps and wefts. "Creamed" and "loom finished."
18,688	Navy Duck, Army and Navy clothing purposes, &c.; warps and wefts superior flax yarns. "Finished."
18,689	Linen for Sheetings, &c.; dry-spun warps and wefts. Washed and "finished."

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
<i>Flax and Tow Fabrics.</i>	
18,690	Glass-cloth made of bleached yarns. Flax warp and tow weft. "Loom finished."
18,691	Railway-waggon canvas, tow warp and weft. "Finished."
18,692	Domestic linen. Bleached dry-spun flax warps and tow wefts. "Unshaved" and "unfinished."
18,693	"Cream" sheeting. Flax warps and tow wefts, rough as it comes from the loom.
18,694	Linen Drill, short-lining. Bleached yarn, flax warps, tow wefts. "Finished."
18,695	Domestic linen. Bleached dry-spun flax warps and wefts. "Shaved" and "finished."
18,696	Cream linen shoe-linings. Flax warps and tow wefts. "Finished."
18,697	Black linen linings; cloth dyed. Flax warps and tow wefts. "Finished."
18,698	Tea-cloths. Flax warps and tow wefts. Washed and "finished" after being woven.
18,699	"Cream" sail-canvas. Finished "creamed," tow warps and wefts.
18,700	Tailors coat-paddings. Flax warps and tow wefts. "Unshaved" and "unfinished"
<i>Tow Fabrics.</i>	
18,701	Domestic towelling. Dry spun, tow warp and tow weft yarn.
18,702	White and brown and twilled towelling. Warp, best spun tow; weft, dry-spun tow; colour, cotton.
18,703	Bed-ticking. Colour, warp and weft, dry-spun tow.
18,704	Repairing canvas. "Finished." Boiled tow warp and weft.
18,705	Brown sacking twill. Natural colour, tow warp and weft. "Shaved, finished."
18,706	Railway-waggon canvas. Flax warp, tow weft. "Shaved, finished."
18,707	"Creamed" sheeting. Tow warp and weft. "Shaved and finished."
18,708	Blue-striped padding. Warp and weft, dry-spun tow yarn.
18,709	Brown-striped sheeting. Warp and weft, dry-spun tow yarn; colour, cotton.
<i>Mixed Fabrics.</i>	
18,710	Railway-waggon canvas. Flax warp, hemp. weft. "Unshaved" "unfinished."
18,711	Domestic towelling. Jute warp, natural colour, tow weft, bleached, "finished."
18,712	"Creamed" tropical cloth, "shaved" "finished," double cotton warps; double flax wefts.
18,713	Apron sheeting, low quality, bleached cotton warps, tow wefts.
18,714	Huckaback towel. Warp, dry-spun flax; weft, dry-spun tow; colour, cotton.
18,715	Tropical cloth. Double cotton warps, double flax wefts. "Full bleached" and "finished."
18,716	Union glass-cloth, cotton warp and tow weft. "Shaved" and "finished."
18,717	Union glass-cloth, cotton warp and tow weft. "Unshaved" "unfinished."
18,718	Dice towels. Flax warp, tow weft. Colour, cotton.
18,719	Oatmeal towel, warp and weft, dry-spun tow; colour, cotton.
18,720	Damask towel, warp, dry-spun flax, and weft, dry-spun tow; colour, cotton.
18,721	Glass towel, warp and weft, dry-spun line; colour, cotton.
18,722	Twilled towel; warp, flax; weft, tow; coloured yarn, cotton.
18,723	Dice towel; warp, flax; weft, tow; coloured yarn, cotton.
18,724	Dice towel, striped; warp, dry-spun flax; weft, dry-spun tow; colour, cotton.
18,725	Linen sheeting; warp, flax; weft, tow. "Finished." Natural colour.
18,726	Brown sacking twill; natural colour; warp, tow; weft, jute. "Shaved" and "finished."
18,727	Union glass-cloth; warp, cotton; weft, tow. "Shaved," "finished."
18,728	Apron sheeting, rough; warp, bleached cotton; weft, tow.
18,729	Railway-waggon canvas; warp, flax; weft, hemp. "Shaved" and "finished."
18,730	Brown tow scrim (gluing canvas); warp, tow; weft, jute. "Shaved" and "finished."
18,731	Union glass-cloth; warp, cotton; weft, tow. "Shaved" and "finished."
18,732	Union creguela; warp, cotton; weft, dry-spun.
18,733	Italian tapestry; natural colour; warp and weft, wet-spun flax. "Finished."
18,734	Union glass-cloth; warp, cotton; weft, tow. "Unshaved" and "unfinished."
18,735	Domestic towelling; warp, cotton; weft, wet-spun tow; turkey-red cotton borders.
18,736	Creamed sacking twill; warp and weft, tow. "Shaved" and "finished."
18,737	Railway-waggon canvas; warp and weft, tow. "Unshaved," "unfinished."
<i>Miscellaneous.</i>	
18,738	Pipe made of maize-cobs by the Indians of South Carolina, America.
18,739	Shield of split rattans, Coorg, India.

FOODS.

(a) Cereals.

18,768	<i>Oryza sativa</i> ; Linn. "Rice." (Gramineæ.) Almerex. Husk used as fodder.
18,769	<i>Oryza sativa</i> ; Linn. "Paddy." (Gramineæ.) Java.
18,770	<i>Oryza sativa</i> ; Linn. "Paddy." (Gramineæ.) Bombay.
18,771	<i>Oryza sativa</i> ; Linn. "Paddy." (Gramineæ.) Bombay.
18,772	<i>Oryza sativa</i> ; Linn. "Var. Kar." (Gramineæ.) Madras.
18,773	<i>Oryza sativa</i> ; Linn. "Var. Kar." (Gramineæ.) Madras.
18,774	<i>Oryza sativa</i> ; Linn. "Var. Kar." (Gramineæ.) Bengal.
18,775	<i>Oryza sativa</i> ; Linn. "Paddy." (Gramineæ.) Saharunpore.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
18,776	<i>Oryza sativa</i> ; Linn. "Var. Shengkorvai." (Gramineæ.) India.
18,777	<i>Oryza sativa</i> ; Linn. "Var Dhola Bosidham." (Gramineæ.) Goalpara, Assam.
18,778	<i>Oryza sativa</i> ; Linn. "Pootoo Arcsee." (Gramineæ.) Madras. Husked.
18,779	<i>Triticum sativum</i> ; Linn. "Hard Red Wheat." (Gramineæ.) Punjab.
18,780	<i>Triticum sativum</i> ; Linn. "Wheat, poisoned." (Gramineæ.) Bombay.
18,781	<i>Avena sativa</i> ; Linn. "Oats." (Gramineæ.) Calcutta.
18,782	<i>Hordeum hexastachyum</i> ; Linn. "Barley." (Gramineæ.) India. Used for making a kind of beer.
18,783	<i>Hordeum coeleste</i> (syn. <i>H. vulgare</i>); Linn. "Siberian Barley." (Gramineæ.) Bushahr. Grows at high elevation. Used for making beer. Flour made from the parched grain is carried by the natives.
18,784	<i>Zea Mays</i> ; Linn. "Mucca." (Gramineæ.) Chitore, India. Maize or Indian Corn.
18,785	<i>Zea Mays</i> ; Linn. (Gramineæ.) Natal. Maize.
18,786	<i>Sorghum vulgare</i> ; Pers. "Great Millet." (Gramineæ.) Central Provinces, India. The well-known "Guinea Corn."
18,787	<i>Panicum italicum</i> (unthreshed); Linn. (Gramineæ.) Bombay.
18,788	<i>Panicum italicum</i> (threshed); Linn. (Gramineæ.) Bombay.
18,789	<i>Pennisetum typhoideum</i> , var. <i>Gungapori</i> ; Rich. "Bajra." (Gramineæ.) Cawnpore. Furnishes a valuable green fodder and a good hay.
18,790	<i>Paspalum scrobiculatum</i> ; Linn. "Koda Millet." (Gramineæ.) Central Provinces, India. Fodder and food.
18,791	<i>Paspalum scrobiculatum</i> ; Linn. "Koda Millet." (Gramineæ.) Narsinghur, India. Fodder and food.
18,792	<i>Paspalum scrobiculatum</i> ; Linn. "Koda Millet." (Gramineæ.) India. Fodder and food.
(b) Pulse.	
18,793	<i>Pisum sativum</i> ; Linn. "Common Pea." (Leguminosæ.) India.
18,794	<i>Pisum arvense</i> ; Wight. "Field Pea." (Leguminosæ.) Calcutta.
18,795	<i>Lens esculenta</i> ; Moench. "Lentils." (Leguminosæ.) Calcutta.
18,796	<i>Lens esculenta</i> ; Moench. "Split Seeds." (Leguminosæ.) Gobindpore, Manbhum, India.
18,797	<i>Cajanus indicus</i> ; Spreng. "Pigeon Peas." (Leguminosæ.) Calcutta. Largely consumed by all classes in many parts of India.
18,798	<i>Cajanus indicus</i> ; Spreng. "Split." (Leguminosæ.) Cawnpore.
18,799	<i>Lathyrus sativus</i> ; Linn. "Vetchlings, split." (Leguminosæ.) Cawnpore. A coarse, inferior pulse.
18,800	<i>Vigna catiangu</i> ; Endl. "Catiang Beans." (Leguminosæ.) Madras.
18,801	<i>Vigna catiangu</i> ; Endl. "Catiang Beans." (Leguminosæ.) Saharunpore.
18,802	<i>Phaseolus mungo</i> ; Linn. "Gram." (Leguminosæ.) Bombay. Largely consumed in all parts of India.
18,803	<i>Phaseolus mungo</i> , var.; Linn. "Gram." (Leguminosæ.) Gobindpore. Manbhum, India.
18,804	<i>Phaseolus mungo</i> , var. <i>radiatus</i> ; Linn. (Leguminosæ.) Calcutta.
18,805	<i>Phaseolus mungo</i> , var. <i>radiatus</i> ; Linn. (Leguminosæ.) Madras.
18,806	<i>Dolichos biflorus</i> ; Roxb. "Horse Gram." (Leguminosæ.) Madras. Common food for cattle and horses in South India.
18,807	<i>Dolichos biflorus</i> ; Roxb. "Horse Gram." (Leguminosæ.) Calcutta. Common food for cattle and horses in South India.
18,808	<i>Cicer arietinum</i> ; Linn. "Chick-pea." (Leguminosæ.) Saharunpore. Much consumed by the lower classes.
18,809	<i>Cicer arietinum</i> ; Linn. "Chick-pea." (Leguminosæ.) Calcutta.
18,810	<i>Cicer arietinum</i> ; Linn. "Chick-pea." (Leguminosæ.) Central Provinces, India.
(c) Spices and Miscellaneous.	
18,740	<i>Allium sativum</i> ; Linn. "Garlic." (Liliaceæ.) Berar, India.
18,742	<i>Allium cepa</i> ; Linn. "Onion." (Liliaceæ.) Almara, India.
18,743	<i>Capsicum</i> sp. "Red Pepper, or Chillies." (Solanaceæ.) Dehra Dun, India.
18,744	<i>Elettaria cardamomum</i> (cardomoms); Wh. and Mt. "Horse-radish." (Zingiberaceæ.) India.
18,745	<i>Cochlearia armoracia</i> ; Linn. "Horse-radish." Cruciferae. United States.
18,746	<i>Illicium anisatum</i> ; Lindl. "Star Anise." (Magnoliaceæ.) Bombay. Fruits.
18,747	<i>Ocimum sanctum</i> ; Linn. "Basil." (Labiatae.) Madras. Seed.
18,748	<i>Areca catechu</i> ; Linn. "Betel Nuts." (Palmeæ.) Ceylon. The masticatory of tropical Asia.
18,749	Models of sliced betel nut. India.
18,750	<i>Piper betel</i> ; Linn. (Piperaceæ.) Madras. These leaves are wrapped round fragments of betel nut and lime, and the whole chewed.
18,751	<i>Cannabis sativa</i> ; Linn. "Ganja." (Cannabinaceæ.) Bombay. The dried hemp plant, used for smoking.
18,752	<i>Erigeron canadense</i> ; Linn. "Canadian Flea-bane." (Compositæ.) United States. Used for making a kind of tea.
18,753	<i>Papaver somniferum</i> ; Linn. (Papaveraceæ.) Bombay. Searified poppyheads, showing the incisions made, from which the juice (which, when dried, becomes opium) exudes.
18,754	<i>Papaver somniferum</i> ; Linn. (Papaveraceæ.) Patua, India. "Alcaree Provision" opium.
18,755	<i>Coffea liberica</i> ; Bull. "Liberian Coffee." (Rubiaceæ.) Perak.
18,756	<i>Cyclopia latifolia</i> ; DC. "Cape or Bush Tea." (Leguminosæ.) Cape of Good Hope. Used for making a kind of tea, and said to be used to adulterate China tea.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
18,757	<i>Nuphar advena</i> ; Ait. (Nymphaeaceæ.) United States. The roots of this water-lily are eaten.
18,758	<i>Nymphaea</i> sp. "Poi Giy." (Nymphaeaceæ.) Bombay. Water-lily seeds.
18,759	<i>Cyperus</i> sp. "Cormantyn ground Nut." (Cyperaceæ.) Niger expedition, Africa.
18,760	<i>Raphanus sativus</i> ; Linn. "Tinki Radish." (Cruciferae.) Nepal. Fermented.
18,761	<i>Cucumis trigonus</i> ; Roxb. (Cucurbitaceæ.) Chota Nagpur, Bengal. Sliced fruits. For an account of the use of these fruits, see Dymock, "Materia Medica of Western India," p.
18,762	<i>Coix lachryma</i> ; Linn. "Job's Tears." (Gramineæ.) India. Used for food, and also for making necklaces.
18,763	<i>Fagopyrum emarginatum</i> ; Meiss. "Buckwheat." (Polygonaceæ.) India.
18,764	<i>Mangifera indica</i> ; Linn. "Mango." (Anacardiaceæ.) Calcutta. Vernacular, "Amchoor."
18,765	<i>Prunus armeniaca</i> ; Linn. "Khobani." (Rosaceæ.) Calcutta. A kind of insipid dry plum, used as food.
18,766	<i>Sagus vitiensis</i> ; Herm. Wendl. "Sago." (Palmae.) Fiji.
18,767	<i>Curcuma angustifolia</i> ; Roxb. "Arrowroot." (Cucurbitaceæ.) Bombay.
<i>Dyes and Tans.</i>	
18,831	<i>Acacia catechu</i> ; Willd. (Leguminosæ.) British Burmah. Chips of the wood, used both for tanning and dyeing.
18,832	<i>Diospyros Burmanica</i> ; Kurz. (Ebenaceæ.) Prome, Burmah. The fruits used locally for tanning.
18,833	<i>Uncaria gambier</i> ; Roxb. "Siak Gambier." (Rubiaceæ.) Straits Settlements. Used for tanning.
18,834	<i>Comptonia asplenifolia</i> ; Gært. "Sweet Fern." (Myricaceæ.) United States. The leaves used for tanning.
18,835	<i>Acacia catechu</i> ; Willd. (Leguminosæ.) Burmah. Pods.
18,836	<i>Rhizophora mangle</i> ; Roxb. "Mangrove." (Rhizophorææ.) United States. The bark used for tanning.
18,837	<i>Diospyros embryopteris</i> ; Pers. "Gab." (Ebenaceæ.) Hoogly, India. The fruits. The glutinous juice of these is extensively employed in caulking boats and fishing-nets in India; it yields a powerful astringent, used for tanning purposes.
18,838	<i>Anogeissus latifolia</i> ; Wall. (Combretaceæ.) Gobindpore, Maubhum, India. Leaves used for dyeing and tanning.
18,854	<i>Calamus Draco</i> ; Willd. "Dragon's Blood." (Palmae.) Bombay. The well-known red dye.
18,825	<i>Nyctanthes arbor-tristis</i> ; Linn. "Hursinghar." (Jasminæ.) Patiala, India. The flowers. The tube of the corolla affords a beautiful but fugacious yellow dye.
18,847	<i>Terminalia belerica</i> ; Roxb. (Combretaceæ.) Bashahr, Punjaub, India. The fruits, called "Belleric Myrabolans."
18,948	<i>Morinda citrifolia</i> ; Linn. "Madder." (Rubiaceæ.) United States." The roots, use for dyeing reds.
18,849	<i>Quercus tinctoria</i> ; Willd. "Quercitron, or Dyer's Oak." (Cupuliferæ.) United States. The bark, used for dyeing and tanning.
18,850	<i>Carthamus tinctorius</i> ; Linn. "Safflower" (Compositæ.) Saharunpore, India. The florets, used for dyeing reds and yellows.
18,851	<i>Ventilago calyculata</i> ; Tulasne. (Rhamnæ.) Cuddapah, India. Root-bark.
18,852 & 18,853	<i>Pinus longifolia</i> ; Roxb. (Coniferæ.) N. W. Provinces, India. The charred leaves, which, when mixed with rice-water, are used as ink.
18,811	<i>Pistacia terebinthus</i> ; Linn. "Galls of." (Terebinthaceæ.) Calcutta. Used for tanning leather in the East.
18,812	Button lac. "Shellac." Bengal. The purified exudation caused by the exudation of an insect on the twigs of various trees.
18,813	<i>Quercus infectoria</i> ; Olivier. "Galls of" (Cupuliferæ.) Bengal. Used for dyeing.
[The three preceding specimens are caused by the attacks of insects on plants.]	
<i>Gums and other exudations.</i>	
18,839	<i>Dichopsis gutta</i> ; Bth. et. Hook. f. "Gutta-percha." (Sapotaceæ.) British North Borneo.
18,840	Gutta-percha. Gutta-percha, supposed to be from the Straits Settlements. Brought on shore at Zanzibar, probably from a wreck.
18,841	<i>Symphonia globulifera</i> ; Linn. "Hog Gum." (Guttiferæ.) Jamaica.
18,842	<i>Aloe Socotrina</i> ; Lam. "Socrotine Aloes." (Liliaceæ.) Bombay. The inspissated juice, used largely in medicine.
18,843	<i>Anogeissus latifolia</i> ; Wall. (Combretaceæ.) Cuddapah, Madras Gum.
18,844	<i>Hevea brasiliensis</i> ; Muell. Arg. "Para Rubber." (Euphorbiaceæ.) Jamaica. The seeds.
18,845	<i>Manihot Glaziovii</i> . "Cerea Rubber." (Euphorbiaceæ.) Jamaica. The seeds.
18,846	<i>Hopea micrantha</i> . (Dipterocarpeæ) Sumatra. "Damar Mata Kutching," or "Cat's-eye Damar." A resin used in varnish-making.
<i>Oils and Oil Seeds.</i>	
18,814	<i>Papaver somniferum</i> ; Linn. "Poppy Seeds." (Papaveraceæ.) Bombay. Used to make "poppy oil;" used by artists, &c.
18,815	<i>Hardwickia binata</i> ; Roxb. "Fruits of." (Leguminosæ.) Tinncuelley.
18,816	<i>Quillaja saponaria</i> ; Mol. "Soap Bark." (Rosaceæ) Chili. Contains a large quantity of saponin.
18,817	<i>Pongamia glabra</i> ; Vent. "Indian Beech." (Leguminosæ.) Bengal. These seeds yield an oil used both medicinally and for illuminating purposes.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
18,818	<i>Bassia butyracea</i> ; Roxb. "Indian Butter-tree." (Sapotaceæ.) Almora, India. A vegetable butter ("Rhut") is made from the seeds.
18,819	<i>Bassia latifolia</i> ; Willd. "Mahwa-tree." (Sapotaceæ.) N.W. Provinces, India. Sample of the oil-cake made from the seeds.
<i>Drugs.</i>	
18,856	<i>Colliguaya odorifera</i> ; Molin. "Colliguaya." (Euphorbiaceæ.) Chili. The juice of the berries is used to destroy.
18,857	<i>Artemisia vulgaris</i> ; Linn. "Mugwort." (Compositæ.) North America. Leaves and twigs, tonic and anthelmintic.
18,858	<i>Teucas aspera</i> ; Spreng. (Labiatae.) Madras. The leaves, the juice of which has been applied successfully in psora and other chronic eruptions.
18,859	<i>Cunila Mariana</i> ; Linn. "Dittany." (Labiatae.) United States. The leaves.
18,860	<i>Aristolelia macqui</i> (Syn. <i>A. glandulosa</i> , Ruiz. & Pav.); Herit. "Magui." (Tiliaceæ.) Chili. Leaves and twigs; used in cases of diarrhoea and dysentery.
18,861	<i>Polygonum sanguinaria</i> . (Polygonaceæ.) Chili. Used as a diuretic and to cool the blood.
18,862	<i>Erythraea divaricata</i> (Syn. <i>E. Chilensis</i> , Benth.); Schaff. "Cauchalagna." (Gentianæ.) Chili. The herb.
18,863	<i>Kageneckia oblonga</i> ; Ruiz. & Pav. "Bollen." (Rosaceæ.) Leaves used as a febrifuge; but taken in excess they act as a poison.
18,864	<i>Solanum nigrum</i> ; Linn. "Yorba Mora." (Solanaceæ.) Chili. The herb.
18,865	<i>Pongamia glabra</i> ; Vent. (Leguminosæ.) Thauna, Bombay. The pods; an oil is obtained from the seeds, which is very valuable in scabies, herpes, and other cutaneous diseases.
18,866	<i>Mentha arvensis</i> ; Linn. "Mint." (Labiatae.) Nowgong, Assam. The herb.
18,867	<i>Picrorrhiza Kurroa</i> ; Royle. (Scrophulariaceæ.) Nepal. The herb; a bitter. The root is, however, the part usually employed.
18,868	<i>Gentiana quinqueflora</i> ; Lamarck. (Gentianaceæ.) America. The herb; a bitter tonic.
18,869	<i>Chelone glabra</i> ; Linn. "Balmomy." (Scrophulariaceæ.) United States. The herb; laxative or purgative.
18,870	<i>Cephalis tomentosa</i> ; W. (Rubiaceæ.) Trinidad. The root; an ipecacuanha.
18,871	<i>Parmelia Kamtschadalis</i> ; Esch. (Lichenes.) India. Said to be diuretic.
18,872	<i>Peumus Boldus</i> ; Molina. "Boldo" (Monimiaceæ.) Chili. Leaves.
18,873	<i>Rheum emodi</i> ; Wall. "Indian Rhubarb." (Polygonaceæ.) Nepal. Differs entirely in appearance and structure from ordinary rhubarb.
18,874	<i>Ruta graveolens</i> ; Linn. "Rue." (Rutaceæ.) United States. The leaves; stimulant, carminative, and anthelmintic.
18,875	<i>Cunila Mariana</i> ; Linn. "Dittany." (Labiatae.) United States. Leaves and twigs.
18,876	<i>Cistanche tubulosa</i> (Syn. <i>Phelipæa tubulosa</i> , Schenk); Hoffm. & Link. India. When the stems are bruised they form an efficient cure for sores on horses.
18,877	<i>Gnaphalium viravira</i> ; Molin. "Viravira." Chili. Flowers, leaves, and twigs.
18,878	<i>Melilotus officinalis</i> ; Linn. "Melilot." (Leguminosæ.) Kurrachi, India. The flowers contain abundance of coumarin.
18,879	<i>Hyoscyamus niger</i> ; Linn. "Henbane." (Solanæ.) Colchester, England. A fine bundle of biennial henbane, in fruit.
18,880	<i>Taraxacum officinale</i> ; Wigg. "Dandelion." (Compositæ.) India. The root, spirited.
18,881	<i>Verbascum thapsus</i> ; Linn. "Mullein." (Scrophulariaceæ.) United States. The root, mucilaginous.
18,882	<i>Hydrastis canadensis</i> ; Linn. "Yellow-root." (Ranunculaceæ.) United States. The roots, official in the U.S.P.; a powerful bitter.
18,883	<i>Tinospora cordifolia</i> ; Mierr. (Menispermaceæ.) Saharunpore, India. The roots; reputed to possess tonic, antiperiodic, and diuretic properties.
18,884	<i>Aconitum heterophyllum</i> ; Wall. "Atces Root." (Ranunculaceæ.) Bengal. The roots. Used in India as a tonic and antiperiodic.
18,885	<i>Caulophyllum thalictroides</i> ; Mich. "Blue Cohosh." (Berberidæ.) North America. The root is valued as a sudorific in North America, and its seeds form a substitute for coffee.
18,886	<i>Nectandra Rodiceï</i> ; Schomb. "Bebeeru." (Laurinæ.) British Guiana. The fruit; the bark is the part employed in medicine.
18,887	<i>Rheum</i> sp.; "A Rhubarb." (Polygonæ.) Afghanistan. The fruit; used as a purgative. (Surgeon-major Aitchison).
18,888	<i>Tribulus terrestris</i> ; Linn. (Zygophyllaceæ.) Bengal. The fruit; diuretic.
18,889	<i>Thevetia nereifolia</i> ; Juss. "Yellow Oleander." (Apocynæ.) Calcutta. These very poisonous fruits are useful, in suitable doses, in the treatment of intermittent fever.
18,890	<i>Dalbergia</i> sp.; "Plaska biya." (Leguminosæ.) Nepal. Fruit.
18,891	<i>Spondias mangifera</i> ; Pers. (Terebinthaceæ.) Kurseong, Bengal. The fruit.
18,892	<i>Pedaliium Murex</i> ; Linn. (Bignoniaceæ.) Bengal. The fruit; a useful diuretic.
18,893	<i>Pterocarpus Marsupium</i> ; Roxb. "Kino-tree." (Leguminosæ.) Madras. Fruit.
18,894	<i>Cassia Fistula</i> ; Linn. "Purging Cassia." (Leguminosæ.) Cawnpore. Fruit pulp; a purge, as its name denotes.
18,895	<i>Ambrosia artemisiæfolia</i> ; Linn. (Compositæ.) United States. Leaves.
18,896	<i>Cynoglossum officinale</i> ; Linn. "Hound's Tongue." (Boraginaceæ.) United States. Leaves; the root is used medicinally.
18,897	<i>Juniperus Virginiana</i> ; Linn. "Red Cedar, or American Savin." (Coniferæ.) United States. Leaves; used as a substitute for Savin.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
18,898	<i>Mussaenda frondosa</i> ; Linn. (Cinchonaceæ.) Seebpore, Calcutta. Leaves.
18,899	<i>Archangelica atropurpurea</i> ; Hoffm. (Umbelliferæ.) North America. Leaves.
18,900	<i>Hepatica triloba</i> ; Chaix. "Liverwort." (Ranunculaceæ.) United States. These leaves have enjoyed some reputation in chronic bronchitis, &c.
18,901	<i>Erigeron philadelphicus</i> ; Linn. "Syn. of <i>E. canadense</i> ." (Compositæ.) United States. The leaves; slightly tonic, diuretic and astringent.
18,902	<i>Cassia lanceolata</i> ; Wall. "Senna." (Leguminosæ.) Bombay. The leaves. The Indian or Tinnevelly Senna.
18,903	<i>Hedeoma pulegioides</i> ; Pers. "American Pennyroyal." (Labiatae.) North America. The leaves; a substitute for Pennyroyal.
18,904	<i>Pinus Strobus</i> ; Linn. "White Pine or Weymouth Pine." (Coniferæ.) United States. Leaves.
18,905	<i>Oenothera biennis</i> ; Linn. "Evening Primrose." (Onagrarieæ.) United States. The leaves, which are slightly astringent, are occasionally given in diarrhœa.
18,906	<i>Simaruba glauca</i> ; Kth. "Bitter Dan." (Rutaceæ.) Jamaica. The bark; a bitter tonic.
18,907	<i>Holarrhena antidysenterica</i> ; Wall. "Conessi." (Apocynæ.) India. The bark; largely used in bowel complaints in India.
18,908	<i>Ilex verticillata</i> ; Gray. "Black Alder." (Ilicineæ.) United States. Bark.
18,909	<i>Alnus rubra</i> ; Desf. "Tag Alder." (Myricaceæ.) United States. The bark; used in scrofula and cutaneous diseases.
18,910	<i>Prunus Pseudocerasus</i> ; Lind. (Rosaceæ.) Japan. Bark.
18,910a	<i>Quassia amara</i> ; Linn. "Surinam Quassia-wood." (Simarubeæ.) Japan. The bitter bark; the wood is, however, usually employed.
18,911	<i>Michelia champaca</i> ; Linn. (Magnoliaceæ.) Kurseong, Bengal. The bark; bitter and aromatic.
18,912	<i>Tsuga mertensiana</i> ; Carrière. "Syn. <i>Abies Mertensiana</i> ; Lindl." (Coniferæ.) United States. Bark.
18,913	<i>Liriodendron tulipifera</i> ; Linn. "Tulip-tree." (Magnoliaceæ.) United States. The inner bark; stimulant, tonic, and diaphoretic.
18,914	<i>Melia Azedarach</i> ; Linn. "Persian Lilac." (Meliaceæ.) Kumaon, India. Bark. The root bark is used as an anthelmintic in America.
18,915	<i>Tsuga Pattoniana</i> . (Coniferæ.) United States. Bark.
18,916	<i>Juniperus Virginiana</i> ; Linn. "Red Cedar" (Coniferæ.) United States. Bark.
18,916a	<i>Myrica sapida</i> ; Wall. "Wax Myrtle." (Myricaceæ.) Phillour, Punjab. The bark, when mixed with ginger, is used to rub cholera patients, to promote reaction.
18,917	<i>Canella alba</i> ; Murr. "Wild Cinnamon." (Canellaceæ.) Jamaica. The bark; a stimulant, aromatic tonic.
18,918	<i>Phyllanthus emblica</i> ; Linn. "Emblie Myrabolans." (Euphorbiaceæ.) Bitul, Central Provinces, India. The bark; astringent.
18,919	<i>Gordonia Lasianthus</i> ; Linn. "Loblolly Bay." (Camelliaceæ.) United States. Bark.
18,920	<i>Cinchona Calisaya</i> ; Wedd. "Calisaya Bark." (Rubiaceæ.) Jamaica. The well-known Cinchona bark.
18,921	<i>Quercus alba</i> ; Linn. "White Oak." (Cupuliferæ.) United States. The bark; astringent.
18,922	<i>Psidium Guajana</i> ; Raddi. "Guava." (Myrtaceæ.) Bengal. Bark.
18,923	<i>Oxydendron arboreum</i> ; DC. (Ericaceæ.) United States. Bark.
18,924	<i>Vochysia guyanensis</i> (Syn. <i>Cucullaria excelsa</i> , Willd); Aubl. "Etabally." (Vochysiaceæ.) British Guiana. Bark used in the form of an infusion for affections of the eye.
18,925	<i>Careya arborea</i> ; Roxb. "Kumbhi." (Myrtaceæ.) Thama, Bombay. Bark.
18,926	<i>Hymenoclea Courbaril</i> ; Linn. "Simiri" or "Locust Bark." (Leguminosæ.) British Guiana. Bark.
18,927	<i>Ægle marmelos</i> ; Corr. "Bael or Bengal Quince." (Rutaceæ.) India. The seeds. The interior of the fruit is used in the preparation of a drink for invalids.
18,928	<i>Melia Azadirachta</i> ; Linn. "Neem or Margosa." (Meliaceæ.) India. Seeds; the bark is used as an anthelmintic.
18,929	<i>Schleichera trijuga</i> ; Willd. (Sapindaceæ.) Thama, Bombay. Seeds.
18,930	<i>Plantago Ispaghula</i> ; Roxb. "Spogel." (Plantaginaceæ.) Bengal. Seeds; used for making a demulcent drink.
18,931	<i>Corypha umbraculifera</i> ; Linn. "Fan Palm." (Palmeæ.) Ceylon. Seeds.
18,932	<i>Macuna</i> sp. (Leguminosæ.) British Guiana. Seeds.
18,933	<i>Psoralea corylifolia</i> ; Linn. "Bakche." (Leguminosæ.) Nepal. Seeds.
18,934	<i>Butea frondosa</i> ; Roxb. "Pulas." (Leguminosæ.) Chota, Nagpore. Seeds.
18,935	<i>Crotalaria juncea</i> ; Linn. (Leguminosæ.) Thama, Bombay. Seeds.
18,936	<i>Crotalaria juncea</i> ; Linn. (Leguminosæ.) Cawnpore. Seeds.
18,937	<i>Cassalpinia</i> sp.; "Kubi Rasche." (Leguminosæ.) Nepal. Seeds.
18,938	<i>Sisymbrium Irio</i> ; Linn. (Crucifereæ.) Kurrachi, India. Seeds.
18,939	<i>Strychnos nux-vomica</i> ; Linn. "Nux Vomica." (Loganiaceæ.) Trinidad. Seeds; used for preparing strychnine.
18,926	<i>Matricaria Chamomilla</i> ; Linn. "German Chamomile." (Compositæ.) Cawnpore, India. The flowers.
<i>Miscellaneous.</i>	
18,922	<i>Pinus serotina</i> ; Mich. "Pond Pine." (Coniferæ.) North America. Cones.
18,923	<i>Mucuna</i> sp. "Horse-eye Beans." (Leguminosæ.) British Guiana. Used for making into bracelets.
18,924	<i>Tulipa stellata</i> ; Clegh. (Liliaceæ.) Rawulpindi, India.
18,927	<i>Trifolium repens</i> ; Linn. "White or Dutch Clover." (Leguminosæ.) North America. Flowers of.
18,928	<i>Pinus muricata</i> ; D. Don. "Bishop's Pine." (Coniferæ.) California. Cones.

APPENDIX IV—continued.
DONATIONS (SPECIMENS).

Museum No.	Date and Description.
18,829	<i>Rosa canina</i> ; Linn. "Dog Rose." (Rosaceæ.) Almora Kumaon. The fruits formerly used in medicine.
18,830	<i>Taxus Caroliniana</i> . (Coniferae.) Mountains of North Carolina, U.S.A. Cones.
18,820	<i>Morinda citrifolia</i> ; Linn. "Madder." (Rubiaceæ.) Central Provinces, India. The seeds.
18,821	<i>Hura crepitans</i> ; Linn. "Sand-box Tree." (Euphorbiaceæ.) Jamaica. The seeds.
18,855	Lemon grass. (Gramineæ.) Mango Island, Fiji. Used as a perfume.
16 August.	
18,959	Centennial medal (bronze), struck in commemoration of the completion of the first 100 years of the Colony of N.S.W. The Centennial Celebration Committee.

APPENDIX V.
LOANS.

Date.	Description.
1888.	
7 Aug.	One Fan of twenty-three leaves of Carved Ivory Work (Chinese?). Lent by Miss Tompson, Darlinghurst, Sydney.
10 Oct.	Model of Swimming Baths and Jetty, as erected at Lady Robinson's Beach, Rockdale, Sydney; proprietor, Mr. Saywell, of Saywell's Tobacco Company; architects, Messrs. Kenwood and Kerle, Sydney. The baths were opened to the public in September, 1886. Lent by Mr. A. W. Tournay-Hinde, Waverley, Sydney.

APPENDIX VI.
PURCHASES (BOOKS).

Library No.	Title of Book.	Author.
AGRICULTURE AND BOTANY.		
2,005	Tea Planters' Manual	T. C. Owen.
2,010	Les Meilleurs Blés	Vilmarin.
2,107	Treatise and Hand-book of Orange Culture in Auckland, New Zealand.	G. E. Alderton.
2,170	Agriculture, Reports of the Commission on, for the years 1862-87. Washington, U.S.A.	
2,096	Manual of Instructions for Raising Mulberry Trees and Silkworms. (Published by the New Zealand Government.)	G. A. Schoch.
2,290	Grasses and Forage Plants in the United States and British Provinces.	Flint.
2,046 } 2,125 }	Biologia Centrali Americana. 2 vols. Vols. I and II, and Part 26	Helmsley.
2,078	Hand-book of the New Zealand Flora	Hooker.
2,097	Studies in Biology for New Zealand Students. Part I, "The Shepherd's Purse" (<i>Capsella Bursa-pastoris</i>).	Hutton.
2,098	Studies in Biology for New Zealand Students. Part II, "The Bean Plant" (<i>Vicia Faba</i>).	Parker.
2,109	Indigenous Grasses of New Zealand	Hector and Buchanan.
2,124	Flora Capensis. Vols I, II, III	Harvey and Sonder.
2,058	Illustrations of British Fungi. Vols. III, IV. (Re-bound) ...	M. C. Cooke.
2,087	Bulletin of Miscellaneous Information, Royal Gardens, Kew, No. 12	
2,114	No. 13	
2,009	Vegetable Materia Medica of "Western India"	Dymock.
2,228	Recent Materia Medica	Leacher.
2,133	Indigenous Fodder Grasses of the Plains of North-western India	J. F. Duthie.
2,160	Systematic Census of Australian Plants, with Chronologic, Literary and Geographic Annotations. Part I. Vasculares.	Baron Mueller.
2,162	Fruits and Fruit-trees of America; or the Culture, Propagation, and Management of Fruit-trees in the Garden and in the Orchard.	C. Dowling.
2,269	The Fodder Grasses of Northern India. Vol. 1. Text, vol. II. Illustrations.	Duthie.
2,302	Manual of Grasses and Forage Plants useful to New Zealand. Part I. Government Printing Office, New Zealand.	Mackay.
2,104	Cheese, Butter, and Bacon in New Zealand	Official.

APPENDIX VI—continued.
PURCHASES (Books).

Library No.	Title of Book.	Author.
APPLIED ART.		
2,145	The Art of the Saracens in Egypt—Part I. (South Kensington Museum Hand-book.)	Stanley Lane-Poole.
2,148	Musical Instruments, Historic, Rare and Unique	A. J. Hipkins.
2,254	Album of Arts and Industries of Great Britain, 1887:— Illustrations of Armorial China Portfolios of Chinese Art (1). " Egyptian Art (2). " English Art (1). " Flemish Art (1). " German Art (1). " Italian Art (5). " Persian Art (4). " Saracenic Art (2). " Sicilian Art (2). " Spanish Art (2).	
APPLIED SCIENCE.		
2,089	Treatise on Coal-gas. Vols I, II, III	King.
3,112	Woollen and Worsted Cloth Manufacture	R. Beaumont.
2,190	Text-book of Paper-making	Cross and Bevan.
2,242	Soaps and Candles	Cameron.
2,244	Animal and Vegetable Fats and Oils	Brannt.
2,063	Report on the Manufacture of Paper from the Paper-Mulberry in Japan. (Re-bound.)	
CHEMISTRY.		
2,001	Qualitative Chemical Analysis	W. G. Valentin.
2,003	Quantative "	J. E. Thorpe.
2,004	Qualitative "	Thorpe and Muir.
2,079	Chemistry of Foods—Part 2. (Science Hand-book, South Kensington.)	Bell.
2,113	Hand-book of Chemical Technology	R. Wagner (translated by W. Crookes).
2,128	Plant Analysis	Dragendorff (translated by Greenish).
2,131	Manual of Chemical Analysis	Hoffmann and Power.
2,132	Manual of Analytical Chemistry	J. Muter.
2,141	Treatise on Chemistry—Vol. III.—The Chemistry of Hydrocarbons, and their Derivatives; or, Organic Chemistry.	Roscoe and Ichorleminer.
2,237	Physical and Inorganic Chemistry	Watts.
EDUCATION.		
2,241	Ellis's Irish Educational Directory. 1898	Ellis.
2,032	Report of the Royal Commission on Technical Instruction. 2nd Report. Evidence, &c, re Ireland.	
GEOLOGY, MINERALOGY, AND METALLURGY.		
2,043	Der Jura in den Alpen der Ost-Schweiz. (Re-bound)	Moesch.
2,064	Der Südliche Aargauer-Jura. (Re-bound)	"
2,217	Modern American Methods of Smelting Copper	Peters.
2,220	British Petrology	Teall.
2,232	Practical Mineralogy	Overmann.
2,233	Manual of Geology—Vol. I and II	Phillips.
2,234	Treatise on Ore Deposits	Phillips.
2,235	Metalliferous Mines and Minerals	Davies.
2,236	Treatise on Metallurgy	Overmann.
2,264	Lectures on Mining. (Text)	Callon.
2,265	" " (Atlas)	"
2,266	Mining Machinery; a descriptive treatise on	André.
2,267	Practical Treatise on Coal-mining	André.
2,283	Minerals of New South Wales	Liversidge.
2,095	Hand-book of the New Zealand Mines. (Including notes on forest trees, building materials, &c.)	Official.
ECONOMIC ZOOLOGY.		
2,002	Pearls and Pearling Life	E. W. Streeter.
2,099	Studies in Biology for New Zealand Students. (Part III—Anatomy of the Common Mussel.— <i>Mutilus</i> spp.)	A. Purdie.
2,105	Fishes of New Zealand, and Notes on Edible Fishes	F. W. Hutton.
2,106	Hand-book of the Fishes of New Zealand	R. A. A. Sherrin.
2,108	An Account of the Insects Noxious to Agriculture, and Plants in New Zealand. (The Scale Insects.)	W. M. Maskell.

APPENDIX VI—continued.
PURCHASES (Books).

Library No.	Title of Book.	Author.
2,142	Injurious and Beneficial Insects of Massachusetts. Year 1871. (Report.)	A. S. Packard, junr.
2,143	Injurious and Beneficial Insects of Massachusetts. Year 1872. (Report.)	"
2,144	Injurious and Beneficial Insects of Massachusetts. Year 1873. (Report.)	"
2,208	Eleventh Report on Injurious Insects	Ormerod.
MECHANICS AND ENGINEERING.		
2,017	Modern Steam Practice and Engineering	J. G. Winton.
2,018	Engineer and Machinist's Assistant. Vols I. (text) and II (plates)	
2,019	Mine Engineering	Greenwell.
2,226	Drainage of Lands, Towns, and Buildings	Dempsey & Clarke.
2,246	Steam-boiler Explosions	Thurston.
2,247	Testing of Materials of Construction	Unwin.
2,248	Metal-plate Work	Miller.
MISCELLANEOUS.		
2,149	The Petroleum Act, 1879 (Great Britain)	
2,227	Art of Perfumery	Piessé.
2,229	Australasia. (A School Geography.)	Wilkins.
2,028	Imperial Gazetteer of India. Vols. XII-XIV.	W. W. Hunter.
2,127	The Best Books	W. S. Sounenschien.
2,210-1	L'Année Scientifique et Industrielle	Louis Figuier.
2,129	Romance of the Wool Trade	J. Bonwick.
PROCEEDINGS OF SOCIETIES.		
2,255 } 2,122 }	The British Association for the Advancement of Science (Report for 1887); and Index of Transactions, 1831 to 1860.	
2,161	Scientific and Learned Societies of Great Britain and Ireland. (Official Year-book of.) 1888.	
REPORTS (not otherwise catalogued).		
2,006	Apple and Pear Congress, Edinburgh, 1885.	
<i>United States Consular Reports.</i>		
2,080-3	Vol. 22— Cattle and Dairy Farming. Emigration and Immigration. Index Vols. 1-17. Forestry in Europe.	
2,100	19th Annual Report on the Colonial Museum and Laboratory.	
<i>New Zealand.</i>		
	15th Annual Report on the Colonial Botanic Gardens, 1883-84.	
2,101	20th Annual Report on, and 16th Annual Report on the Colonial Botanic Gardens, 1884-5.	
2,102	21st Annual Report on, and 17th Annual Report on the Colonial Botanic Gardens, 1885-6.	
2,103	22nd Annual Report on; with a List of Donations and Deposits during 1886-7.	
2,156	New Zealand Survey. Reports of Geological Explorations during 1886-7; with maps and sections.	
2,207 } 2,243 }	United States Consular Reports, Nos. 81 and 82, July to December, 1887.	
2,213	Commercial Reports from H.M. Consuls, 1887. No. 58, Brazil.	
2,214	Diplomatic and Consular Reports on Trade and Finance, 1887. No. 207, France.	
2,301	Report of the Mining Industries of New Zealand, 1888. (Official).	
<i>Exhibition Literature.</i>		
2,007	London Dairy Show, 1887. Catalogue of.	
2,030	New Orleans' Exposition, 1884-5. Catalogue of Exhibits and Conventions.	
2,031	London. South Kensington Museum. Classed Catalogue, Educational Division. (Rebound.)	
2,035	Italy. Esposizione Italiana, 1861. Report on Class V. (Rebound.)	
2,085	London. Brewers' Exhibition, 1887. Catalogue.	
2,086	Manchester Exhibition, 1887. Catalogue of the Silk Section.	
2,146	London. Apprentices' Exhibition, 1887, People's Palace, Mile End. Catalogue.	
2,147	London. International Sportsman's Exhibition and Kennel Clubs Show, 1888. Catalogue.	
2,152	London. International Exhibition, 1862. Illustrated Catalogue of Industrial Department. 2 vols.	
2,212	Lausanne. Exposition, 1887, des Insectes utiles et des Insectes nuisibles. Catalogue de.	
2,221	Vienna. Aeronautical Exhibition, 1889. Catalogue of.	
2,249	London. Cookery Exhibition, Knightsbridge, 1888. Catalogue of.	
2,250	Brussels. Exhibition, 1888. Catalogue of.	
2,251	London. Irish Exhibition, 1888. Catalogue of.	
2,252	London. Workmen's Industrial Exhibition, 1888, People's Palace, East London. Catalogue of.	
2,285	Italian Exhibition, 1888, South Kensington, London. Catalogue.	
2,296	Copenhagen Exhibition, 1888. Catalogue.	
2,297	Glasgow Exhibition, 1888. Catalogue.	
2,298	London. Anglo-Danish Exhibition, 1888. Catalogue.	

APPENDIX VI—*continued.*
PURCHASES (BOOKS).

Library No.	Title of Book.
The following purchased periodicals have been bound during the year:—	
2,014	Drugs and Medicines of North America. (Lloyd.) Vol. I.
2,015	Australian Journal of Pharmacy. Vol. I.
2,027 } 2,205 }	Tropical Agriculturalist. 1885-7.
2,028 } 2,163 }	Canadian Magazine of Science. 1885-6.
2,050 } 2,111 }	Therapeutic Gazette. 1886. 1885.
2,073 } 2,204 }	Révue Coloniale Internationale. 1885-7.
2,076 } 2,192 }	Scientific American. Jan., 1886—Dec., 1887.
2,271 } 2,077 }	Pharmaceutical Journal. Jan., 1888—June, 1887.
2,200 } 2,093 }	Australian Journal of Pharmacy. Vol. I.
2,184 } 2,270 }	The Chemist and Druggist. 1870, 1872-6, 1879, 1880-7.

APPENDIX VII.
DONATIONS (BOOKS AND PERIODICALS).

Library No.	Title, Author, and Donor.
2,036 } 2,215 } 2,216 }	"Eucalyptographia." (Mueller.) The Chief Secretary of Victoria, through the Free Library, Melbourne.
2,094	The Forest Flora of Australia. Part VII. (Brown.) The Government Printer of South Australia.
2,173 } to }	Iconography of Australian species of Acacia and cognate genera. Decades 5-11. (Mueller.)
2,176 }	The Chief Secretary of Victoria.

AGRICULTURE AND BOTANY.

2,150	Imperial College of Agriculture and Dendrology. Komaba, Tokyo, Japan. Bulletin. No. 1. (C. C. Georgeson.) The Director.
2,151	Chief Regulations of the above. (Dec., 1887.) The Director.
2,258	Plants reputed poisonous and injurious to Stock. (Gordon and Bailey.) The Government Botanist of Queensland.
2,070	Illustrations of the Genus Cinchona (rebound). Lambert. 1821.

APPLIED ART.

2,287	Art Manufactures of India. (Mukharji.) The Government of India.
-------	---

EDUCATION.

2,121	Phases of Technical Training. (T. Twining.) The Author.
Circulars of Information, Bureau of Education, Washington. The Commissioner:—	
2,177	No. 1. College of William and Mary.
2,178	No. 2. Study of History in the American Colleges and Universities. (Adams.)
2,179	No. 3. Proceedings of the Department of Superintendence. March, 15th-17th, 1888. Washington.
2,260	The Educational Record. (July, 1888.) British and Foreign Bible Society.

GEOLOGY AND MINERALOGY.

2,257	Geology of the Vegetable Creek Tin-mining Field, New England (David). The Minister for Mines, Sydney.
2,235	The Mineral Wealth of Queensland; by R. L. Jack, Government Geologist. The Executive Commissioner for Queensland, C.T.E.M.
2,303	Memoirs of the Geological Survey of New South Wales. Palæontology, No. 2. "Contributions to the Tertiary Flora of Australia." Von Ettingshausen (trans. by Etheridge). The Minister for Mines, Sydney.

MECHANICS, ENGINEERING, &c.

2,067	Magazin Mathematischer Instrumente. Parts II-VI (rebound). F. W. Breithaupt and Son, Cassel.
2,110	Designing Wrought and Cast Iron Structures. Part IV. (Adams.) The Author.
2,183	A paper on the removal of the roof over the "Departure" Platform, King's Cross Terminus, G.N.R., London. Messrs. Trübner & Co.

APPENDIX VII—*continued.*
DONATIONS—(BOOKS AND PERIODICALS).

Library No.	Title, Author, and Donor.
2,284	The Proposed Chemical Laboratory at Sydney University (Liversidge). (Drawings reproduced from "The Building and Engineering Journal," Sydney.) A. Liversidge, M.A., F.B.S., the University, Sydney.
ZOOLOGY.	
2,126	History and Description of the Skeleton of a Sperm Whale, lately set up in the Australian Museum. (Wall.) Reprint of a paper published in 1851. The Trustees.
2,292	Anatomy of "Megascolides Australia," the great earth-worm of Gippsland. (Spencer.) From the Transactions of the Royal Society of Victoria. Vol. I, Part I, 1888. The Council.
2,231	Catalogue of Fishes in the Australian Museum, Sydney. (Ogilby.) Part I. The Trustees.
MISCELLANEOUS.	
2,222	Handbook of Information. (British-India Steam Navigation Co.) Messrs. Burns, Philp, & Co., Sydney.
2,092	By-laws of the Australian Museum, Sydney. The Trustees.
PROCEEDINGS, &C., OF SOCIETIES.	
2,016	Philosophical Society of Glasgow, Proceedings of. Vol. XVIII. The Council.
2,057	American Chemical Society, Proceedings of. Parts 1 and 2 (rebound). The Council.
2,074	Royal Society of N.S.W., Journal and Proceedings of. Vol. XVII (rebound). The Council.
2,115	Royal Society of N.S.W., Journal and Proceedings of. Part 2, 1887. The Council.
	Royal Society of N.S.W., Journal and Proceedings of. Part 3, 1887. The Council.
2,137	Royal Scottish Society of Arts, Transactions of. Vol. XII, Part 1. The Council.
2,120 } 2,138 } 2,180 }	Journal of the Society of Chemical Industry, 1888, vol. Index of 1887, vol. By-laws. The Council.
2,136	Calendar of the Pharmaceutical Society of Great Britain, 1888. The Council.
2,181	Calendar of the Pharmaceutical Society of Ireland, 1888. The Council.
2,154	Linnean Society of New South Wales, Proceedings of. Second series. Vol I, 1886. The Council.
2,155	Linnean Society of New South Wales, Proceedings of. Second series. Vol. II, 1887. The Council.
2,230	Royal Society of Tasmania, 1887, Papers and Proceedings of. The Council.
2,256	Royal Society of New South Wales, 1888. Part 1. The Council.
2,262-3	Physikalisch-medizinischen Societat, Erlangen, 1887-8, Sitzungsberichte der. The President.
2,277	Royal Society of Victoria, Transactions and Proceedings of. Vol. XXIV, part 2. The Council.
REPORTS.	
The following have been presented by the Minister for Mines, Sydney, New South Wales:—	
2,065	Annual Reports of the Department of Mines of New South Wales. 1891-4 (rebound).
2,029, 2,291	Annual Reports of the Department of Mines of New South Wales. 1875-9, 1880, '82, '85, '86.
2,034	The Silver-bearing Lodes of the Barrier Ranges. Report by the Geological Surveyor in charge.
The following have been presented by the Secretary for Mines and Water Supply, Melbourne:—	
2,042	Gold-fields of Victoria. Reports of Mining Registrars. 1884-6 (rebound).
2,119, 2,159, 2,253	Gold-fields of Victoria. Reports of the Mining Registrars for the Quarters ending 31st December, 1887, up to June, 1888.
2,066	Reports of the Registrars and Mining Surveyors of Victoria. 1877-84 (rebound).
2,044, 2,060	Mineral Statistics of Victoria. 1877-85 (rebound).
2,300	Victoria, Mineral Statistics of. 1887.
2,259	Victoria, Department for Mines and Water Supply. Annual Report of the Minister for. 1888.
2,000	Geological Survey of Victoria. Report of Progress. 1873-7 and 1883 (rebound).
2,059	Diamond Drills in Victoria. 1884-6 (rebound).
2,031	Report of the Chief Inspector of Mines for Victoria. 1877-83 (rebound).
2,033	Victorian Board appointed to inquire on Pyrites; Report of.
2,062	Reports of the Government Geologist of South Australia. 1883-6 (rebound). From the Government Geologist.
2,276	Queensland Department for Mines; Annual Report of. 1887. From the Executive Commissioner for Queensland, Melbourne Exhibition.
2,118	Report of the School of Mines, Ballarat. 1887. From the Council.
2,157	California State Mining Bureau. 7th Annual Report of the State Mineralogist, for year ending 1st October, 1887. From the State Mineralogist, Sacramento.
2,182	Botanic Gardens, Adelaide; Report on the Progress and Condition of. Year 1887. From the Director, Botanic Gardens, Adelaide.
2,140	Department of Education, Washington. Report of the Commissioner for Education 1885-6.
2,206	Technological Museum, Sydney. Annual Reports, 1880-6. (Rebound.)
2,281	Queensland Museum. Annual Report of the Trustees for 1888. From the Trustees.
2,282	Technical and Art Instruction and Drawing in Primary Schools in Australasian Colonies. Report on. (Biley.) New Zealand, 1888. Official. From the Author.
2,090	Massachusetts Institute of Technology. 23rd Annual Catalogue. From the Institute.

APPENDIX VII—*continued*.
DONATIONS (BOOKS AND PERIODICALS).

Library No.	Title, Author, and Donor.
2,158	United States, Worcester, Mass. 18th Annual Catalogue of the Polytechnic Institute, with the plan of Instruction, 1888. From the Council.
2,091	Birkbeck Literary and Scientific Institution, London. Syllabus of Classes and Examinations 1887-8, and Report of the 64th Session. From the Council.
2,139	Royal Colonial Institute. Report of the Council. From the Council.
2,261	British and Foreign School Society. 83rd Annual Report of. From the Council.

Exhibition Literature.

2,088	Centennial Intercolonial Exhibition of the Agricultural Society of New South Wales, 1888. Official Catalogue. From the Society.
2,117	Adelaide Jubilee Exhibition, 1887. Catalogue of the New South Wales Wool Exhibits.

Centennial International Exhibition, Melbourne, 1888 :—

2,272	Queensland Court. Catalogue of Grasses.
2,273	" " " Economic Plants.
2,274	" " " Minerals.
2,275	" " " Woods. From the Executive Commissioner for Queensland.
2,279	French Court. Catalogue Officiel.
2,280	" " " Détaillé. From the Executive Commissioner for France.
2,288	New South Wales Court. Catalogue of the Metals, Minerals, Fossils, and Timbers sent by the Minister for Mines. From the Minister for Mines, New South Wales.
2,289	List of Commissioners, Rules and Regulations of the Exhibition. From the Commission, Melbourne.
2,294	Official Catalogue of Exhibits of New South Wales Court. From the Executive Commissioner.

PERIODICALS.

The Publishers of the following Journals have generously continued to contribute copies of their publications to the Reading-room of the Museum during the year, viz. :—

Amateur Photographer (London).	Hatters' Gazette (London).
American Mail and Export Journal (New York).	Horological Journal (London).
American Monthly Microscopical Journal (New York).	Ironmonger (London).
Bookseller (London).	Ironmonger (Supplement).
Boot and Shoe Trades Journal (London).	Iron (London).
Brewers' Guardian (London).	Iron and Steel Trade Journal.
British and Colonial Printer and Stationer (London).	Jeweller and Metal-worker (London).
British Trade Journal (London).	Manufacturer and Builder (New York).
Builders' Weekly Reporter (London).	Mechanical News (New York).
Bullettine Telegraphico (Rome).	Mechanical Progress.
Burgoyne's List.	Oil and Colourman's Journal (London).
Cabinet-maker (London).	Paper-maker's Journal, and Annual Directory of Paper-makers (London).
California Architect (San Francisco).	Paper-making.
Chamber of Commerce Journal.	Paper Trade Review (London).
Colliery Guardian (London).	Pharmaceutical Journal.
Decorators' Gazette (London).	Plumber and Decorator.
Electrical Review.	Printer's Register (London).
Engineering (London).	Sanitary Record (London).
Exporter (London).	Sugar Cane (Manchester).
Fireman (London).	Stationery Trades Journal (London).
Gas and Water Review (London).	Textile Recorder (Manchester.)
	Timber Trades Journal (London).
	Worsted and Woollen Trades Journal.

The Publishers of the following have been good enough to occasionally forward copies of their journals to the Museum :—

American Gas-light Journal.	Mineralogical Magazine.
Australian Chemists Review.	Mining World and Engineering Record.
Australian Trading World.	Paper and Printing Trades Journal.
British Mail.	Paper Record.
Decoration.	Phillips Machinery Register.
Electrical Engineer.	Practical Electricity.
	Stationer and Printer.

APPENDIX VII—*continued.*

The following Periodicals (donations) have been bound during the year:—

Library No.	Title.	Library No.	Title.
2,011 } 2,219 }	British and Colonial Printer and Stationer. July to December, 1885; January to June, 1887.	2,049 } 2,051 } 2,194 }	Oil and Colourman's Journal. 1883-1886. Ironmonger. 1886-7.
2,012	The Printers' Register. 1886.	2,052	Jeweller and Metal-worker. 1886.
2,013 } 2,198 }	The Pottery Gazette. 1885-6.	2,053 } 2,054 }	Paper-makers' Monthly Journal. 1886. American Microscopical Journal. 1886.
2,020 } 2,190 }	London Iron Trades Exchange. 1886-7.	2,055 } 2,056 }	Chemical Review. 1886. Horological Journal. 1885-6.
2,021 } 2,187 }	Engineering. January-June, 1886.	2,068 } 2,069 }	Sanitary Record. 1885-6. British and Colonial Printer and Stationer. 1886.
2,187	" January to June, 1887.	2,071 }	Colliery Guardian. 1886-7.
2,022 } 2,023 }	Textile Recorder. Vol. III. 1885-6.	2,191 }	Sugar Cane. 1885-86.
2,199 }	Amateur Photographer. 1886-7.	2,072 }	Decorators' Gazette. April, 1883, to December, 1886.
2,024 } 2,186 }	Boot and Shoe Trades Journal. 1885-6. Boot and Shoe Trades Journal. January to June, 1887.	2,075 }	Iron Age. 1886.
2,025	Telegraphic Journal. 1886.	2,134 }	Paper Trades Journal. 1886.
2,185	Telegraphic Journal. January to June, 1887.	2,164-5 }	American Mail. 1883-1886.
2,026 } 2,188 }	Cabinet-maker and Art Furnisher. 1884-7.	2,166-9 }	British Trades Journal. 1876; 1884-5-6.
2,037 } 2,189 }	Iron. Vols. XXVII, XXVIII, XXIX.	2,193 }	Mechanical News. 1885-6.
2,038 } 2,195 }	Mechanical World. Vol. XXI.	2,245 }	Sanitary World. 1887; January to June.
2,039	Timber Trades Journal. 1886-7.	2,196 }	Gas and Water Review. 1887; January to June.
2,040	Engineering. Vol. XLII. July to De- cember.	2,197 }	Paper Trade Review. March, 1886, to June, 1887.
2,041	Telegraphic Journal. Vol. XVIII. January to June.	2,201 }	Paper-making. 1886.
2,045	Cabinet-maker and Art Furnisher. 1883.	2,202 }	Journal of Forestry.
2,047	Gas and Water Review. Vols. XV and XVI.	2,218 }	Sanitary Record. 1886-7. Rebound.
2,048	Boot and Shoe Trades Journal. Vols. XV and XVII.	2,238-40 }	Index Medicus. 1885-7.
		2,268 }	Californian Architect and Building News. 1886.

APPENDIX VIII.

PURCHASES (DIAGRAMS, MAPS, &c.)

January 31.

- Library No.
1,262 "The Physiology" and Anatomy of the Honey Bee and its relations to flowering plants. Two coloured prints 39 in. x 26 in. with explanatory Handbook, by Frank Cheshire.

February 23.

- 1,263-72 Ten large Wall Maps (in revolving frame), as follows:—
- | | |
|--------------|--------------------|
| 1. Europe. | 6. Canada. |
| 2. England. | 7. Egypt. |
| 3. Scotland. | 8. South Africa. |
| 4. Ireland. | 9. United States. |
| 5. India. | 10. Pacific Ocean. |

From Messrs. W. and A. K. Johnston, Edinburgh.

The following Engineering, &c., diagrams have been executed in enlarged scale, in water-colours, by Mr. A. Hagman. The source of the original is stated in each case.

Types of Coke-ovens.

February 23.

a. Full recovery of Bye-products.

- | | |
|---------------------------|--|
| 1,273 Klönne's. | } These are drawn on a scale of 4 ft. to 1 in. "Engineering," Vol. XXXVIII, pages 361 and 402. |
| 1,274 Carvès and Haupt's. | |
| 1,275 Adapted Coppée. | |

b. Non-recovery of Bye-products.

- | | |
|-----------------|---|
| 1,276 Appolt's. | } These are drawn to a scale of 3 ft. to 1 in. "Engineering," Vol. XXXVIII, page 337. |
| 1,277 Jones'. | |

Cream Separators.

February 23.

- 1,278 De Laval's. (The motor being a steam turbine.) Scale: full size. "Engineering," Vol. XLIV, page 520.

APPENDIX VIII—*continued.*

February 28.

Library No.

1,279 Burmeister and Wain's. Scale: full size. "Engineering," Vol. XLIV, page 476.

July 3.

1,336 Crushing Battery for auriferous vein-stuff. Showing also Californian Mortar with double discharge. Scale: half ft. to 1 in. "Gold, its occurrence and extraction" (Lock), page 1001.

July 10.

1,336 Fisher's rotating-bed stamp for auriferous vein-stuff. Scale: 1 ft. to 1½ in. "Gold, its occurrence and extraction" (Lock), page 1022.

Automatic vacuum brake applied to a locomotive.

July 3.

1,335a Side elevation and plan. Scale: 1 ft. to 1 in.

April 3.

1,299b Combination ejector. Scale: full size.

1,301c Engine vacuum cylinder. Scale: full size.

1,300d Ball valve. Scale: 3 ft. to 1 in. (enlarged).

Westinghouse automatic brake applied to a locomotive.

June 26.

1,333a Side elevation and inverted plan. Scale: 1 ft. to 1 in.

1,334b Driver's brake-valve, in section and elevation. Scale: 2 ft. to 1 in. (enlarged).

April 17.

1,303c Standard air-pump, shown in section. Scale: full size.

1,304d Section of Triple Valve. Scale: 3 ft. to 1 in. (enlarged).

1,305e Double-brake cylinder. Scale: half-size.

1,305f Release valve. Scale: half-size.

March 20.

1,291 Colorado Water-jacket Furnace, with shed for smelting silver and lead. Scale: 2 ft. to 1 in. "Engineering," Vol. XLII, page 267.

March 27.

1,294 Colorado Silver and Lead Smelting Plant. Scale: 10 ft. to 1 in. "Engineering," Vol. XLII, page 267.

Safety Lamps.

March 20.

1,293 Marsaut's. "Engineering," Vol. XLII, page 296.

March 27.

1,296 Evan Thomas's. "Engineering," Vol. XLII, page 296.

March 20.

1,292 Gray's. "Engineering," Vol. XLII, page 296.

March 27.

1,295 Mueseler's. "Engineering," Vol. XLII, page 296.

February 28.

1,280 "Conductor," for Tanneries, used for carrying the tanning materials to and from the exhausting pits. "Text-book of Tanning" (H. R. Procter), page 163.

1,281 Hides for Sole Leather. Diagram showing English method of division (Procter).

Bark Mills (for Tanners).

March 7.

1,287 American "Keystone." H. R. Procter, page 159.

1,286 Newall and Barker's. H. R. Procter, page 159.

1,288 Glaser's. H. R. Procter, page 160.

March 13.

1,289 Wilson's Disintegrator, for Wattle-barks and Myrobalans. H. R. Procter, page 161.

1,290 Tanners' Disintegrator, for Myrobalans. H. R. Procter, page 162.

The following enlarged water-colour drawings of economic plants of New South Wales have been drawn from fresh specimens by Mr. A. Hagman. The scale is stated on the drawings themselves, and is usually 3 : 1.

1,356 *Acacia armata*; R. Br. "Kangaroo Thorn." (Leguminosæ.) Hedge Plant.

June 12.

1,315 *Acacia Cunninghamsii*; Hook. (Leguminosæ.) Timber.

September 18.

1,353 *Acacia elongata*; Sieb. (Leguminosæ.) Tan.

APPENDIX VIII—*continued.*

June 12.

Library No.

1,316 *Acacia falcata*; Willd. "Sally." (Leguminosæ.) Timber (small), Tan.

October 9.

1,357 *Acacia glaucescens*; Willd. A "Myall." (Leguminosæ.) Timber, Tan.

June 12.

1,317 *Acacia implexa*; Benth. (Leguminosæ.) Bitter Bark.

August 7.

1,342 *Acacia longifolia*; Willd. "Golden Wattle." (Leguminosæ.) Tan.

June 19.

1,327 *Acacia melanoxylon*; R. Br. "Blackwood." (Leguminosæ.) Timber, Tan.

September 11.

1,351 *Acacia prominens*; A. Cunn. (Leguminosæ.) Timber, Tan.

January 17.

1,249 *Angophora cordifolia*; Cav. "Apple-tree." (Myrtaceæ.) Timber (small).

January 3.

1,243 *Angophora intermedia*; DC. "Narrow-leaved Apple-tree." (Myrtaceæ.) Forage, Kino,
Timber.

January 31.

1,258 *Angophora subvelutina*; F. v. M. "Apple-tree." (Myrtaceæ.) Forage, Kino, Timber.

April 3.

1,297 *Avicennia officinalis*; Linn. "Mangrove." (Verbenaceæ.) Timber.

January 17.

1,248 *Barklya syringifolia*; F. v. M. (Leguminosæ.) Timber.

November 27.

1,379 *Brachychiton populneum*; R. Br. "Kurrajong." (Sterculiaceæ.) Fibre.

August 28.

1,348 *Bursaria spinosa*; Cav. "Box Thorn." (Pittosporæ.) Timber, Forage.

June 5.

1,311 *Callistemon lanceolatus*; DC. "Red Bottle Brush." (Myrtaceæ.) Timber.

February 7.

1,259 *Canthium vacciniifolium*; Benth. (Rubiaceæ.) Timber.

January 24.

1,253 *Capparius nobilis*; F. v. M. "Native Pomegranate." (Capparidæ.) Food.

October 30.

1,366 *Carumbium populifolium*; Gr. "Poplar." (Euphorbiaceæ.) Fibre.

January 10.

1,244 *Castanosporum australe*; A. Cunn. "Moreton Bay Chestnut." (Leguminosæ.) Food, Forage,
Timber.

June 5.

1,314 *Casuarina torulosa*; Ait. "Forest Oak." (Casuarineæ.) Timber.

November 20.

1,374 *Cedrela australis* (Syn. *C. Toona*, Roxb.); F. v. M. "Red Cedar." (Meliaceæ.) Timber.

January 3.

1,241 *Ceratopetalum gummiferum*; Sm. "Christmas Bush." (Saxifrageæ.) Gum, Timber,
Ornament.

November 20.

1,373 *Clæxylon australe*; Baill. (Euphorbiaceæ.) Timber.

June 19.

1,328 *Commersonia echinata*; Forst. "Brown Kurrajong." (Sterculiaceæ.) Fibre.

December 4.

1,380 *Croton Verreauxii*; Baill. A "Casuarilla." (Euphorbiaceæ.) Drug.

October 16.

1,361 *Cryptocarya glaucescens*; R. Br. "Beech." (Lauraceæ.) Timber.

December 11.

1,384 *Cudrania Javanensis*; Trécul. "Cockspur Thorn." (Urticæ.) Dye.

APPENDIX VIII—continued.

October 30.

Library No.

- 1,368 *Cupania semiglauca*; F. v. M. "Black Ash." (Sapindaceæ.) Timber.
June 12.
- 1,318 *Cupania pseudorhus*; A. Rich. (Sapindaceæ.) Timber.
August 7.
- 1,340 *Denhamia pittosporoides*; F. v. M. (Celastrineæ.) Timber.
June 5.
- 1,313 *Duboisia myoporoides*; R. Br. "Corkwood." (Solanaceæ.) Drug.
December 4.
- 1,381 *Ehretia acuminata*; R. Br. "Brown Cedar." (Asperifoliæ.) Timber.
November 6.
- 1,371 *Eleodendron australe*; Vent. (Celastrineæ.) Ornamental Shrub.
August 7.
- 1,345 *Endiandra pubens*; Meiss. (Lauraceæ.) Timber.
1,358 *Eucalyptus eximia*; Schau. "Mountain Bloodwood." (Myrtaceæ.) Timber.
January 24.
- 1,255 *Eucalyptus Gunnii*; J. Hook. "Swamp Gum." (Myrtaceæ.) Timber.
January 31.
- 1,257 *Eucalyptus hemiphloia*; F. v. M. "Box." (Myrtaceæ.) Timber, Kino.
February 7.
- 1,261 *Eucalyptus incrassata*; Labill. "Mallee." (Myrtaceæ.) Timber, Essential oil.
January 17.
- 1,251 *Eucalyptus longifolia*; Link. "Woollybutt." (Myrtaceæ.) Timber.
February 7.
- 1,260 *Eucalyptus melanophloia*; F. v. M. "Silver-leaved Ironbark." (Myrtaceæ.) Timber.
September 11.
- 1,352 *Eucalyptus paniculata*; Sm. "She Ironbark." (Myrtaceæ.) Timber.
July 10.
- 1,338 *Eucalyptus robusta*; Sm. "Swamp Mahogany." (Myrtaceæ.) Timber.
January 10.
- 1,245 *Eucalyptus rostrata*; Schlect. "Red Gum." (Myrtaceæ.) Timber, Kino.
August 28.
- 1,349 *Eucalyptus saligna*; Sm. "Blue Gum." (Myrtaceæ.) Timber.
November 20.
- 1,376 *Eucalyptus sideroxylon*; A. Cunn. "Ironbark." (Myrtaceæ.) Timber.
August 7.
- 1,343 *Eucalyptus Stuartiana*; F. v. M. "Apple-tree." (Myrtaceæ.) Timber.
January 10.
- 1,246 *Eucalyptus tereticornis*; Sm. "Grey or Flooded Gum." (Myrtaceæ.) Timber, Kino.
November 20.
- 1,377 *Eucalyptus* sp. Not yet determined. (Myrtaceæ.) Timber.
June 12.
- 1,320 *Exocarpus cupressiformis*; Labill. "Native Cherry." (Santalaceæ.) Timber.
1,321 *Ficus aspera*; Forst. "Rough-leaved Fig." (Urticeæ.) Timber (poor).
January 31.
- 1,256 *Flindersia Oxleyana*; F. v. M. "Yellow-wood." (Meliaceæ.) Timber.
January 3.
- 1,242 *Frenela rhomboidea*; Endl. "Cypress Pine." (Coniferæ.) Timber.
1,240 *Grevillea Hilliana*; F. v. M. "White Yiel-yiel." (Proteaceæ.) Timber.
October 23.
- 1,364 *Grevillia robusta*; Cunn. "Silky Oak." (Proteaceæ.) Timber.
September 25.
- 1,355 *Hakea saligna*; R. Br. (Proteaceæ.) Timber.

APPENDIX VIII—continued.

June 12.

Library No.

- 1,322 *Harpullia alata*; F. v. M. A "Tulip-wood." (Sapindaceæ.) Timber.
October 30.
- 1,367 *Hedycarya angustifolia*; Cunn. "Native Mulberry." (Monimiacæ.) Timber.
June 19.
- 1,330 *Helicia glabrifolia*; F. v. M. (Proteaceæ.) Food.
November 27.
- 1,378 *Hibiscus heterophyllus*; Vent. "Green Kurrajong." (Malvaceæ.) Fibre.
June 19.
- 1,329 *Laportea gigas*; Wedd. "Giant Nettle-tree." (Urticæ.) Fibre.
August 7.
- 1,344 *Laportea photiniphylla*; Wedd. "Small-leaved Nettle-tree." (Urticæ.) Fibre.
September 18.
- 1,354 *Leptomeria acida*; R. Br. "Native Currant." (Santalaceæ.) Food.
June 12.
- 1,323 *Litsea dealbata*; Nees. "Pigeon-berry-tree." (Lauraceæ.) Timber.
August 28.
- 1,347 *Logania floribunda*; R. Br. (Loganiaceæ.) Timber (small).
December 31.
- 1,388 *Lomatia longifolia*; R. Br. "Mountain Beech." (Proteaceæ.) Timber.
June 12.
- 1,324 *Mallotus philipensis*; Muell., Arg. The "Kamala" of India. (Euphorbiaceæ.) Dye; drug.
November 20.
- 1,375 *Melaleuca linariifolia*; Smith. "Tea-tree." (Myrtaceæ.) Timber.
June 12.
- 1,325 *Memecylon* sp. (Melastomaceæ.) Timber.
August 28.
- 1,346 *Monotoca elliptica*; R. Br. "Beech." (Epacridæ.) Timber.
December 11.
- 1,382 *Myrsine variabilis*; R. Br. (Myrsinæ.) Timber.
June 12.
- 1,326 *Notelæa longifolia*; Vent. "Axe-breaker." (Jasminæ.) Timber.
October 16.
- 1,360 *Olearia argophylla*; F. v. M. "Musk-tree." (Compositæ.) Timber; perfume.
April 3.
- 1,298 *Panax elegans*; C. Moore and F. v. M. "White Sycamore." (Araliaceæ.) Timber.
December 31.
- 1,387 *Panax sambucifolius*; Sieb. "Elderberry Ash." (Araliaceæ.) Timber.
December 18.
- 1,386 *Pennantia Cunninghamii*; Miers. (Olacineæ.) Timber.
December 31.
- 1,389 *Persoonia linearis*; Andr. A "Geebung." (Proteaceæ.) Timber.
January 17.
- 1,250 *Persoonia pinifolia*; Sieb. A "Geebung." (Proteaceæ.) Timber.
June 5.
- 1,307 *Physalis Peruviana*; Linn. "Cape Gooseberry." (Solanæ.) Food. Introduced.
October 30.
- 1,369 *Pimelia ligustrina*; Labill. (Thymeleæ.) Fibre.
November 6.
- 1,372 *Polyosma Cunninghamii*; J. J. Benn. "Feather-wood." (Saxifrageæ.) Timber.
December 11.
- 1,383 *Prostanthera lasiantha*; Labill. (Labiatae.) Oil; essential.

APPENDIX VIII—continued.

August 7.

Library No.

- 1,341 *Psychotria loniceroides*; Sieb. (Rubiaceæ.) Timber.
October 16.
- 1,359 *Quintinia Sieberi*; DC. "Opossum-tree." (Saxifragæ.) Timber.
June 5.
- 1308 *Rubus rosifolius*; Sm. "Native Raspberry." (Rosaceæ.) Food.
October 23.
- 1,363 *Scolopia Brownii*; F. v. M. (Flacourtiaceæ.) Timber.
December 18.
- 1,385 *Sloanea australis*; F. v. M. "Maiden's Blush." (Tiliaceæ.) Timber.
January 10.
- 1,247 *Smilax glycyphylla*; Sm. "Native Sarsaparilla." (Liliaceæ.) In flower; drug.
July 10.
- 1,337 *Smilax glycyphylla*; Sm. (Liliaceæ.) In fruit; drug.
June 5.
- 1,309 *Solanum nigrum*; Linn. A "Native Currant." (Solanaceæ.) Introduced.
October 16.
- 1,362 *Styphelia triflora*; Andr. "Five-corners." (Epacridæ.) Food.
November 6.
- 1,370 *Synoum glandulosum*; de Juss. "Rosewood." (Meliaceæ.) In flower; timber.
June 19.
- 1,331 *Synoum glandulosum*; de Juss. "Rosewood." (Meliaceæ.) In fruit; timber.
June 5.
- 1,310 *Tarrietia actinophylla*; Baill. "Stavewood." (Sterculiaceæ.) Timber.
- 1,312 *Tristania suaveolens*; Sm. "Broad-leaved Water-gum." (Myrtaceæ.) Timber.
January 24.
- 1,254 *Trochocarpa laurina*; R. Br. "Beech." (Epacridæ.) Timber.
June 26.
- 1,332 *Xylomelum pyriforme*; Sm. "Native Pear." (Proteaceæ.) Timber.

APPENDIX IX.

DONATIONS.

MAPS, DRAWINGS, DIAGRAMS, &c.

January 17.

- 1,252 Framed Photograph of the Incline, Joadja Creek, New South Wales (Kerosene Shale Mine).
From the Government Printer.

March 3.

Plans of the Earning Yacht "Nonsuch" —

- 1,282 Profile.
- 1,283 Plans (a) Upper Deck.
" (b) Lower Deck.
- 1,284 Cross-sections (2).
- 1,285 Drawings (2) to show rig.
Presented by Mr. Thos. Smith, Sydney.

April 21.

- 1,306 Photograph of Engine by Messrs. Boulton and Watt, Soho, Birmingham; erected in 1785 for Messrs. Whitbread & Co., London, who presented the engine to the Museum. From Messrs. Whitbread & Co.

August 28.

- 1,350 Zoological Chart and Chart of Vegetable Kingdom; also Table of Plants and Animals referred to in the "British Pharmacopœia." Presented by Dr. Ussher, Ballarat.

APPENDIX X.
EXCHANGES (OUTWARDS).

Date.	Description of Specimens.	To whom sent.	
1888. 21 Feb.	136 samples of Australian Wools, as follows:— 65 from Queensland 32 „ Tasmania 23 „ New South Wales 16 „ Victoria	The Smithsonian Institute, Washington, through G. W. Griffin, Esq., Consul in Sydney for the United States.	
8 March	44 samples of Wool, as follows:— 1 of Ercildoune washed wool, from sheep bred by Sir Samuel Wilson 16 of Goorianawa greasy wool, of sheep bred by C. Fetherstonhaugh, Esq. 27 of Goutwyck greasy wool, of sheep bred by Messrs. Dangar Bros., Uralla, New England		The Queensland Museum.
8 May	Emery, from Naxos Diabase-porphry, from Red Hill, The Springs, N.S.W. Plumbago, from Tenterfield, N.S.W. Wavellite, from Montgomery County, Arkansas Quartz (Jasper), from Cambay, India Axinite, from Dauphiny, France Topaz, from Schneckenstein, Saxony Obsidian, from Iceland Ore, from shallow lead, Brickwood Tin-mine, Inverell Calcite, from Iceland Phacolite, from Collingwood, Victoria Paraffin Coal, from Rott, near Bonn, Germany Novaculite, from Hot Springs, N.Z. Sepiolite, from Asia Minor Hacked Chalcedony, from Yellowstone, National Park, U.S.A. Erythrite, from Schneeberg, Saxony Tourmaline, from Suarum, Norway Aluminite, from Newhaven, England Stibnite, from Corangula, Kempsey, N.S.W. Galena (Argentiferous), from Rivertree, Clarence River, N.S.W.		