

23RD AUGUST 1886, No. 732, REVENUE.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following paper:—

From EDGAR THURSTON, Esq., Superintendent, Government Central Museum,
to the Secretary to Government, Revenue Department, dated Madras,
2nd July 1886, No. 431:—

ABSTRACT.—Submitting report on the working of the Government Central Museum during
the year 1885-86.

ENCLOSURES.

ADMINISTRATION REPORT OF THE GOVERNMENT CENTRAL MUSEUM
FOR THE YEAR 1885-86.

INTRODUCTORY.—In the present report I am only able to speak from personal experience
of the work which has been carried on during the latter half of the year, as I only took over
charge of the Museum from my predecessor, Dr. Bidie, on October the 12th.

2. The proper work of the Museum was greatly retarded during the greater part of the
year by the formation of a collection of artwares, jewelry, trade products, &c., of Southern
India for the Madras Court of the Indian and Colonial Exhibition. I am, however, in the
present instance reconciled to what would have otherwise been a great waste of time, inasmuch
as Government has consented to my proposal, which was warmly supported by Colonel Hawkes,
President of the Exhibition Committee, that at the close of the Exhibition a specified number
of the articles exhibited by the Madras Government should be sent back from England and
find a permanent place in the Central Museum, which will thus acquire a very handsome
addition to its contents.

3. The rapid succession of Exhibitions in Paris, Sydney, Melbourne, Amsterdam, London
(Fisheries), Calcutta and London (Indian and Colonial), to all of which collections were sent,
has had a most disastrous effect on the working of the Central Museum, and it is most
desirable that, in the event of any further Exhibitions taking place, the necessary work in
connection with the collection of exhibits from the Madras Presidency should not be thrown
upon the Museum, so that the entire staff may be occupied solely with proper Museum work,
of which a great deal requires to be done in order that it may be brought up to the standard
required of a well-organised Museum at the present day, and become a thorough index of the
Presidency, where those who wish can obtain useful information.

4. It is wholly beyond the power or scope of a Presidential Museum to rival the great
National Museums in the possession of representative collections from different quarters of the
globe, and I have determined to devote my entire attention to the natural history, arts,
ethnology, manufactures and raw products of Southern India, accepting only such specimens
from other regions as may be sent as donations from time to time, and keeping them entirely
apart from the main collections. The necessity of such a course is best illustrated by reference
to the geological collection which, while abounding in a chaos of purchased and exchanged
specimens of European fossils, is markedly deficient in specimens from the rich fossiliferous
beds of the cretaceous system of Southern India.

5. As soon as I had ascertained for myself what line of action it would be necessary for
me to carry out, so as to make the Museum more in accordance with my views, I applied to
Government for a grant of Rs. 12,000, but, owing to the existing financial pressure, my
application could not be acceded to. It, therefore, became necessary for me to make a more
moderate estimate and to give up all idea of at present arranging the whole of the Museum
collections on a more defined system than has hitherto been adopted; and as I had spent my
first official tour in making a collection of fish from Cochin and other places on the West Coast,
I decided to pay special attention during the present year to the fish gallery, and converting it
into a properly-arranged gallery, illustrative of the marine and fresh water fauna of the
Presidency.

6. VISITORS TO THE MUSEUM.—The usual statistical returns of the numbers of visitors
during the year are given in Appendix B. The total number was considerably in excess of

that of preceding years, and I notice with pleasure an increase in the number of Gosha ladies who visited the Museum on the days set apart for them. The greatest number of visitors on any single day was 25,334, on December the 19th (Thwathasee).

7. BUILDINGS.—During the last monsoon there was some leakage from the roofs of the lecture theatre and the new gallery which was attended to by the Department of Public Works. The pillars in the main hall were found to be constantly crumbling, and it was found necessary to dig out the chunam and substitute Portland cement, which was painted light blue. The roof is in a similar state and gives some trouble from the frequent dropping of chunam. The roof of the Curator's office still leaks considerably and will require attention. I brought the absence of a *porte-cochère* in front of the Superintendent's house before the notice of the Superintending Engineer on my arrival, and soon afterwards received plans, but I have since then heard nothing more on this subject. The repairs in the Head Taxidermist's house have not proved very satisfactory, as cracks have appeared in some of the walls, in which white ants have taken their abode. The two main gates of the Museum were repaired during the year.

8. MUSEUM GROUNDS.—The Mahoganies mentioned in the last annual report were planted out, and the experiment is being tried of planting the faster-growing rain tree *Pithecolobium saman* by the side of them to act as nurses of the tender seedlings. Some seedlings of the giant *Bambusa latang*, *Bixa orellana* and *Erythroxylon coca* were also planted, but the last are not thriving. The *Nauclea cadamba* which was planted in 1881 flowered for the first time, but bore no fruit. Several of the palms which were set down a few years ago also flowered. The Andaman trees, presented by Captain Torrie, are all making satisfactory progress.

9. I purpose planting some fruit trees—mango, jack and cocoanut—in the grounds over several barren areas, which are not pleasant to look on.

10. ARTIST.—The artist was mainly occupied with making a series of drawings of impressions of seals attached to copper grants. These he did neatly and accurately.

11. ERYTHROXYLON COCA.—Some correspondence passed between the Museum and a firm of Pharmaceutists on the extent of the cultivation of Coca in Southern India, and an interesting letter received from them was published in the Madras papers for the information of planters, which resulted in a number of inquiries on the subject from planters and others.

12. ESTABLISHMENT.—On retiring from office as Superintendent of the Museum, Dr. Bidie recommended the revision of the pay of several members of the subordinate staff, and this revision was sanctioned in G.O., Revenue Department, No. 131, dated 15th February 1886, by His Excellency the Governor in Council as noted in the annexed statement:—

Appointment.	Present pay.	PROPOSED.		
		Minimum.	Maximum.	Number of yearly instalments.
	RS.	RS.	RS.	RS.
Assistant Curator	30	30	60	5
Herbarium-keeper	45	50	50	...
Head Taxidermist	50	60	60	...
Third Taxidermist	14	15	15	...
Writer	25	30	30	...

In a letter (No. 194, dated 3rd March 1886), I further urged the claims of the Assistant Librarian, the third Taxidermist and the man in charge of the Superintendent's room, as deserving of an increase of salary, but sufficient time had not elapsed for a reply to be received to this letter before the end of the year.

13. ETHNOLOGY AND ANTIQUITIES.—Some Buddhist sculptures (174 pieces) were presented to the Museum through Major H. H. Cole, being a portion of the sculptures discovered at two small Buddhist topes near Mian Khan, Eusofzai. The excavations were made for the Punjab Government. The sculptures were conveyed by rail to Madras at the rate of 6 pies a mile per truck and some of the finer pieces will be set up in the sculpture gallery of the Museum.

14. It having been desirable to make a collection as complete as possible of impressions of the seals of the South Indian dynasties, an appeal was made to the various Collectors for copies of any which are to be found in their districts. In response to this appeal a number of copies in wax, and other material, were received and have been figured by the artist.

15. The Museum is indebted to His Excellency the Governor for the donation of an old Dutch manuscript and to His Highness the Maharajah of Travancore for four shields.

16. HERBARIUM.—The Herbarium was repeatedly visited in the early morning by His Excellency the Governor between the months of November and March. The work of the Herbarium-keeper, Mr. T. Abboy Naidu, was retarded by the collection of raw products for the Indian and Colonial Exhibition. He, however, systematically arranged, according to Hooker's Flora of British India, natural order Acanthaceæ to Amaranthaceæ and natural order Ranunculaceæ to Labiatae (extra Indian plants) according to the Genera Plantarum. In addition sixty-one plants were collected in Vellore, 59 plants mounted, and 150 Indian and 220 British plants poisoned.

17. LABORATORY FOR THE GOVERNMENT MINERALOGIST.—A proposal for the erection of a laboratory for the Government Mineralogist in the Museum compound was referred to me for my opinion thereon. The site which was originally selected I objected to for many reasons, but consented to the use of another site which was suggested in a different part of the compound. Subsequently, I was asked to try and find a building suitable for the requirements of the Government Mineralogist in the vicinity of the Museum, but was not successful in finding one.

18. LECTURE THEATRE.—The following lectures were given:—

Captain Hayes	On horse management.
Edgar Thurston, Esq.	„ sponges.
Do. do.	„ corals.
Captain R. H. C. Tufnell	„ musketry.
C. Michie Smith, Esq.	„ cyclones.

The lecture on musketry was given specially for members of the Madras Volunteer Guards. The other lectures were all well attended, and I was pleased to see that a large portion of the audience at the scientific ones was composed of native students.

The theatre was also used for the monthly meetings of the South Indian Branch of the British Medical Association.

19. LIBRARY.—The total number of visitors who came to consult books was 5,563 against 5,172 in the preceding year, being a monthly average of 463. That, if their duties allowed it, many more would use the books is shown by the greater number of visitors during the Christmas holidays than at any other time.

The following list shows the nature and number of books consulted during the year:—

Class of Books.	No. consulted.
Anatomy and Physiology	43
Antiquities and Ethnology	32
Arts and Industries	34
Astronomy	11
Books for Juveniles	17
Botany and Economic Botany	78
Chemistry	23
Classics	3
Encyclopædias, Dictionaries, &c.	130
English Language and Literature	110
Fine Arts	9
General Science	22
Geography, Travels and Sport	54
Geology, Mineralogy and Palæontology	23
History and Biography	81
Hygiene and Dietetics	13
Law, Politics and Political Economy	49
Mathematics	10
Medicine and Surgery	17
Mental and Moral Science	36
Microscopic Science	2
Official Manuals and Reports	33
Oriental Languages and Literature	144
Physical Science	32
Religion and Mythology	15
Scientific Journals and Periodicals	11
Telegraphy and Stenography	2
Veterinary	1
Zoology	60
Miscellaneous	17
Newspapers, &c.	4,451

Total ... 5,563

20. The total number of books added to the library during the year was 860 and they were acquired as follows:—

	NO.
Presented by Government	144
Do. by private individuals	73
Purchased	156
British Museum publications presented	13
Patent Office papers	20
Trübner's Oriental series	5
Fish library books purchased	16
Periodicals	433

21. The number of books bound during the year was 99.

22. MADRAS HARBOUR AND BEACH.—Through the kindness of F. N. Thorowgood, Esq., Superintendent of Harbour Works, I have received many interesting specimens which were picked up during the diving operations. These include a red incrusting sponge, two other sponges, a zoanthus, several species of coral (gorgonidae) and a holothurian (sea cucumber). I have also obtained from the surface water in the harbour specimens of *Salpa*, *Velella* and *Physalia* (Portugese man-of-war) and from the beach a shell of *Ostraea* perforated by a boring sponge (*cliona*), a shell of *Pinna Japanica* with hydroids attached to it, and various other molluscan shells. Pieces of pumice stone have been repeatedly picked up on the shore, and I incline to the theory that they have drifted hither from Krakatoa. Similar pieces have been sent to me during the year, picked up on the shore of the West Coast at Calicut and Tellicherry.

23. NUMISMATICS.—Though a catalogue of the gold coins in the Museum collection had been issued, the arrangement of a great mass of silver and copper coins remained to be taken in hand. My first endeavour in this direction was to collect them all together and distribute them roughly into dynasties. This work was completed with the assistance of Captain R. H. C. Tufnell, who from his experience in Indian Numismatics was able to identify many issues to which I should have myself been unable to assign a place. The same gentleman then gave me great help in the arrangement of the different dynasties, and the Roman and Indo-Greek series are already completed. Among the former several coins of very considerable interest and value have come to light, notably an issue of Plautilla, wife of Caracalla, with Latin inscription *PLAUTILLA AUGUSTA*, and a fine green copper coin of Constantinus Magnus struck in London. The collection of Indo-Greek and Bactrian coins is not very rich, but I am in correspondence with a view to making it more complete. As the coins of each dynasty are arranged, I am compiling a manuscript catalogue, with a view to future publication, in which all issues, gold, silver, copper, &c., will find a place, but I propose to keep the gold coins, as at present, in the Museum strong box, and display the coins in silver and the baser metals in the body of the Museum, so that they may be seen by visitors without any special application.

24. As usual a large number of coins, amounting in all to 1,411, has been presented to the Museum during the year either by various societies or by private individuals. Among these I may specially mention a gold coin of the Gupta era presented through the Honorary Secretary of the Madras Literary Society, and a fine Rama Tanka presented by T. M. Scott, Esq., of Madurai.

25. NATURAL HISTORY.—(1). *Arachnida*.—A large living spider (*Mygale fasciata*) was forwarded to the Museum from Hoonsoor where it was supposed to be causing death among the flocks. An experiment was made on a living sheep to see if the spider would produce any ill-effect on it, but the result proved negative, and the untimely death of the spider stopped any further experiments. I wrote requesting that some more living specimens should be sent to me, but at the end of the year none had arrived.

Mention was made in last year's annual report of a scorpion sent by H. R. P. Carter, Esq., living by preference in water. During the latter end of the year, I kept specimens of two other species of scorpion from Madras in jars containing some water, and though the animals were often seen above water on some stones which I placed in the jar, it frequently happened that they remained for long periods submerged beneath the surface of the water, so that our common scorpions may be considered amphibious in their habits. The subject is one which is worthy of study on the animals in their natural conditions.

(2). *Crustacea*.—My thanks are due to Dr. Henderson of the Christian College for naming many of the species contained in the Museum collection—a task which he was well qualified to carry out, as he has devoted special attention to this order in connection with the "Challenger" Expedition Collection.

(3). *Fish*.—In addition to a large number of fish obtained during my tour on the West Coast (q.v.) 8 specimens were sent to the Museum including a Gourami presented by R. Hollingswerth, Esq. From time to time various species of salted fishes were sent by the Salt Department for identification.

(4). *Insects*.—A large number of insects were sent to the Museum, among the most interesting of which were one which was proving destructive to the sugar-canes in North Arcot, and another

which was inflicting its ravages on the cinchona leaves in the Wynnad, and of which specimens were sent, together with some of the affected leaves, by Messrs. Arbuthnot and Co., to whom I made a report suggesting certain precautions to be adopted and certain remedial agents to be tried, while pointing out that the expense of applying chemical reagents where the infested area is a large one is often greater than the loss of money caused by the ravages of the insect pests, and further that in the interest of the planter, a prolonged and careful study in a practical manner, not only of the life history and habits of the parasites, but also of the cheapest and at the same time most effective means of exterminating them is much needed.

(5). *Mammals and Birds*.—The light in the gallery in which both mammals and birds are exhibited is exceedingly bad, and the cases in which they are arranged do not show them off to advantage. Many of the specimens, too, are very old and require replacing by new ones. A great desideratum is a good collection of skeletons of the animals of Southern India, and at the end of the year some of my assistants in the Taxidermic department were engaged in the preparation of skeletons of some of the common types. The collection of birds should possess not only the male and female birds, but also the nest with the eggs of each species, set up artificially in such a way as to imitate the natural surroundings, but I am afraid that this ideal will not be attained to for a long time. During the year 27 mammals were received, of which 8 were purchased and 19 presented. Among them was a lion from the People's Park, the gift of the President of the Municipal Commission, which has been stuffed.

The total number of birds acquired was 626, of which 513 were obtained by purchase. The greater number were collected by Mr. Davison who was engaged for a period of six, which was extended to eight, months to make a collection of South Indian birds. At the end of the year the last consignment had not arrived, but those which had been received were arranged as cabinet specimens for purpose of study.

(6). *Mollusca*.—A great amount of space is wasted in the gallery at present devoted mainly to a collection of shells, mixed up together in cases without reference to locality and containing a number of specimens labelled vaguely "Eastern Seas." In accordance with my views as to making the Museum essentially representative of South India, I have picked out those specimens which I know definitely to have been found in the Madras Presidency and they, together with other specimens collected along the coast by myself, form the nucleus of a South Indian collection. The general collection will be put away in drawers where it will be available to those, who wish to study it specially, and a large amount of space be thus economised.

The total number of shells, exclusive of those collected by myself, acquired during the year was 1,017, nearly all of which were given by the Assistant Curator Mr. R. Damodarum Naidu.

Some minute pelagic shells were sent from Vizagapatam, where they were mistaken by the natives for pearls which had fallen from Heaven.

I am much indebted to H. S. Thomas, Esq., for giving me specimens of the shells of *Avicula vexillum* and *Avicula fucata* in various stages of growth in illustration of his report on Pearl Fisheries.

(7). *Reptiles*.—The additions during the year amounted to 24, of which Deputy Surgeon-General Shortt sent the greater number. A number of specimens were sent to me for identification from Ootacamund by M. A. Lawson, Esq.

26. TAXIDERMIST'S DEPARTMENT.—The following is an abstract of the specimens prepared or collected during the year:—

	NO.
Mammals	22
Skeletons of mammals	3
Fishes	114
Reptiles	72
Crustacea	50
Insects	650

This includes (1) a number of birds, fishes, reptiles and insects collected by the Second Taxidermist at Vizagapatam, to which place I sent him for two months at the request of H. G. Turner, Esq., Collector of that district; (2) a series of 159 game birds of South India, which was originally collected for the Indian and Colonial Exhibition, but has been retained for the Central Museum; (3) 75 of the Nilgiri birds collected by Mr. Davison which were stuffed and mounted.

This department is now in good working order, and I notice with pleasure not only the interest, but also the improvement, which the assistants display in their work.

As the result of a suggestion from several gentlemen who complained that, when out on shooting or fishing expeditions, they often met with specimens which would be of interest to the Museum, but were not able to keep them from want of the necessary time for, and special knowledge of, the methods of preserving and stuffing, I am training a young man, whom I shall be happy to place at the disposal of sportsmen, on condition that they give me a share of the spoil for the Museum.

27. TOURS.—His Excellency the Governor in Council acceded to my proposal that I should be allowed to make periodical tours to different parts of the Presidency, so as to collect for myself any objects of interest which I may find for the Museum.

The first of these tours was made in March, when I went, accompanied by my head and third Taxidermists, to Cochin, and visited also Quilon and Trivandrum. The main results of this tour have been embodied in a special report to Government, and I therefore confine myself in the present report to giving a list of the fish (the collection of which was my main object) which I obtained from Trichoor, Cochin and Quilon, and which have either been stuffed or preserved in alcohol.

TABLE I.
Species obtained at Trichoor.

1. <i>Macrones Malabaricus</i>	Edible
2. Do. <i>Chryseus</i>	do
3. <i>Gobius giurus</i>	do
4. <i>Etrophus suratensis</i>	do
5. <i>Mastacembalus armatus</i>	do
6. Do. <i>pancalus</i>	do
7. <i>Ophiocephalus punctatus</i>	Edible
8. <i>Plotosus canius</i>	do

TABLE II.
Species obtained at Cochin.

Number.	Latin Name.	Tamil Name.	Malayalam Name.	Remarks.
1	<i>Trygon narnak</i>	Sonakah tiriki ..	Padavanthrandy ..	Young ones captured in back-water. Eaten by natives.
2	Do. sp. ? .. ..	.....	Pullythrandy ..	.....
3	<i>Ætobatis narinari</i>	Currooway tiriki ..	Kakathrandy ..	Eaten by natives.
4	<i>Rhinobatus halavi</i>	Padungan ..	Paruthalay ..	.....
5	<i>Rhinoptera adpersa</i>	Mutta tiriki ..	Eroomookanthrandy ..	Large ones cut in pieces and brought to market for sale.
6	<i>Lates calcarifer</i>	Koduwa ..	Narymeen (jackal fish)	Good eating known as Nair fish in Malabar.
7	<i>Serranus Malabaricus</i>	Punni-calawah ..	Curoopu ..	Large fish cut in pieces and salted.
8	Do. sp. ?	Calawah ..	Do. ..	.....
9	<i>Therapon jarbua</i>	Palin keechan ..	Cullankovay ..	.....
10	<i>Diagramma griseum</i> .. ..	.....	Outraw ..	.....
11	Do. <i>crassispinum</i> .. ..	.....	Do. ..	.....
12	<i>Lobates surinamensis</i>	Musalli ..	Curuputty ..	Good eating. Good isinglass made from air bladder.
13	<i>Gerres filamentosus</i>	Oodan ..	Prawellee ..	Eaten by natives and salted.
14	Do. <i>oyena</i> .. ..	.....	Do. ..	.....
15	<i>Scatophagus argus</i>	Sipili ..	Nutchar Char ..	Eaten by lowest classes.
16	<i>Ephippus orbis</i>	Nulla torriti ..	Parinthee ..	Eaten but not esteemed (Day).
17	<i>Upeneus indicus</i>	Mussari ..	Coozy meen ..	.....
18	Do. sp. ?	Do. ..	Do. ..	.....
19	<i>Chrysophrys hasta</i>	Curupamuttivayan ..	Aree ..	Good eating.
20	<i>Lutianus rivulatus</i>	Cattu pirum ..	Cheppary ..	Largest specimen measured 34 inches caught in both fresh and salt water. Good eating.
21	Do. <i>roseus</i>	Moosodee ..	Chembullee ..	.....
22	Do. <i>quinguelineatus</i> .. ..	.....	Cheppary ..	.....
23	Do. <i>Johnii</i> .. ..	.....	.....	.....
24	<i>Sciaenops maculata</i>	Vari cathalay ..	Cuttalaw ..	Air bladders collected extensively for manufacture of isinglass. The price of the bladder sometimes exceeds that of the fish itself. Not much esteemed as food.
25	Do. <i>vogleri</i> .. ..	.....	Korlaw ..	.....
26	Do. <i>carutta</i>	Carung kuthalay ..	Carykutlay ..	.....
27	Do. <i>osseus</i> .. ..	.....	Cuttalaw ..	.....
28	<i>Sciaenoides sp. ?</i>	Vanniapunnah ..	Chakalaw ..	.....
29	<i>Caranx armatus</i>	Tanga Paray ..	Vuttaw ..	.....
30	Do. <i>sansum</i> .. ..	.....	Periavuttay ..	Eaten by lowest classes.
31	Do. sp. ?	Paray ..	.....	.....
32	Do. <i>gymnotethoides</i> .. ..	.....	.....	.....
33	<i>Chorinotus lysan</i>	Toal paray ..	.....	Good eating.
34	<i>Psettus argenteus</i> .. ..	.....	Kael Parinthee ..	.....
35	<i>Equula edentula</i> .. ..	.....	Cooroochee ..	Used when salted in making pepper water which is supposed to possess medicinal virtues.
36	Do. <i>ruconius</i>	Carra pody ..	Do. ..	.....
37	<i>Scomber Microlepidotus</i>	Kanang kelleetee ..	.....	Eaten by natives; supply varies from year to year.
38	<i>Sillago sihama</i>	Culingan ..	Veekutha ..	Good eating. Known to Europeans as "whiting."
39	<i>Platycephalus insidiator</i>	Ooloopathy ..	Oorathallee ..	Eaten by natives known in Malabar as "Crocodile Fish."
40	<i>Gobius biocellatus</i> .. ..	.....	.....	.....
41	<i>Mugil cunnesius</i>	Madavay ..	Saltham ..	Mullet. Good eating; extensively salted and sun dried.
42	Do. <i>poecilus</i>	Do. ..	Nary cunnumboo ..	In Canara an objection was raised to eating them as their heads are like those of snakes.
43	Do. <i>cunnumboo</i> .. ..	.....	Cunnumboo ..	.....

TABLE II.
Species obtained at Cochin—continued.

Number.	Latin Name.	Tamil Name.	Malayalam Name.	Remarks.
44	<i>Ophiocephalus punctatus</i>	Koravay ..	Verarl ..	Eaten by natives.
45	Do. <i>striatus</i>	Veral ..	Verarl ..	Good eating, but muddy, if from stagnant water.
46	<i>Etrophus suratensis</i>	Chettha keday ..	Curry meen ..	Very good eating; sometimes more than one foot in length in backwater.
47	Do. <i>maculatus</i>	Pitul kass ..	.....	Eaten by natives.
48	<i>Cynoglossus sp. ?</i>	Nakkoo meen ..	.....	.....
49	<i>Chaca lophioides</i> .. ..	.....	Kadal thavalay ..	.....
50	<i>Arius subrostratus</i>	Kelleetee ..	Soondun cooree ..	Good eating only when young. Salted and eaten by poorest classes.
51	Do. <i>Malabaricus</i>	Do. ..	Thalayalay ..	.....
52	Do. sp. ?	Do. ..	Poovalay ..	.....
53	<i>Saurida tumbil</i>	Kadal ooloovay ..	Arana meen ..	.....
54	<i>Haplochilus rubrostigma</i> .. ..	.....	Poonchan ..	.....
55	Do. <i>lineatus</i> .. ..	.....	Do. ..	.....
56	<i>Hemirhamphus Xanthopterus</i> .. ..	.....	Kola ..	.....
57	<i>Belone annulata</i>	Pahmun kola ..	Do. ..	.....
58	<i>Chatoessus chacunda</i> .. ..	.....	Thodee ..	Eaten by natives.
59	Do. <i>nasus</i>	Muddu candai ..	Do. ..	Good eating.
60	<i>Engraulis Malabaricus</i>	Poor-realm ..	Nadu manangu ..	Eaten by natives.
61	Do. <i>Indicus</i>	Nettelee ..	Ooro manangu ..	.....
62	<i>Clupea toli</i>	Oolum ..	Palavaw ..	.....
63	Do. sp. ? .. ..	.....	.....	.....
64	<i>Elops saurus</i>	Allahti ..	Vulleekoomy ..	.....
65	<i>Megalops cyprinoides</i>	Moran candai ..	Cunny ..	.....
66	<i>Chanos salmoneus</i>	Tulu candai ..	Kootheekoomy ..	Called milk fish or white mullet by Europeans.
67	<i>Dussumieria acuta</i> .. ..	.....	Nulla chalay ..	Very good eating; known as sardine.
68	<i>Ophiethys microcephalus</i> .. ..	.....	.....	.....
69	<i>Triacanthus brevirostris</i>	Moolcan ..	.....	Eaten by natives (not eaten in Madras.)
70	<i>Anacanthus barbatus</i>	Watamookola ..	.....	.....

TABLE III.
Species obtained at Quilon.

Number.	Latin Name.	Tamil Name.	Malayalam Name.	Remarks.
1	<i>Carcharias sp. ?</i>	Soorah ..	Soorah ..	Used as food by natives.
2	<i>Narcine timbi</i> .. ..	.....	.....	.....
3	<i>Gerres oyena</i> .. ..	.....	Prawellee ..	.....
4	<i>Drepane punctata</i>	Torriti ..	Parunthee ..	Used as food.
5	<i>Holocentrum rubrum</i>	Kul-kah-catchee ..	Poollan ..	.....
6	<i>Acanthurus mata</i>	Cozy meen ..	.....	.....
7	<i>Caranx leptolepis</i>	Paray ..	Buttaparay ..	.....
8	<i>Psettus argenteus</i> .. ..	.....	.....	.....
9	<i>Trachynotus ovatus</i>	Thookoonassey ..	.....	Eaten when salted.
10	<i>Equula insidiatrix</i> .. ..	.....	Combancoroochee ..	.....
11	<i>Mene maculata</i> .. ..	.....	.....	.....
12	<i>Cybius guttatum</i>	Vanjeerum ..	Arrakeeah ..	Good eating. Best tamarind fish made from salted fish.
13	<i>Platycephalus insidiator</i>	Ooloopathy ..	Oorathallee ..	Eaten by natives.
14	<i>Salarias frenatus</i>	Parvut meen ..	Poolan ..	.....
15	Do. sp. ?	Do. ..	Do. ..	.....
16	<i>Platygllossus Dussumieri</i> .. ..	.....	Culladay ..	.....
17	<i>Synaptura orientalis</i> .. ..	.....	Suptharee ..	.....
18	<i>Cynoglossus sp. ?</i>	Nakku meen ..	.....	.....
19	<i>Arius thalassinus</i>	Kadal kelleetee ..	.....	.....
20	Do. <i>subrostratus</i>	Kelleetee ..	Soondun cooree ..	Eaten by natives.
21	<i>Saurida tumbil</i>	Kadalooloovay ..	Arany meen ..	.....
22	<i>Belone annulata</i>	Phamun kola ..	Kola ..	.....
23	<i>Clupea longiceps</i> .. ..	.....	Kokala chulaw ..	Used for making "fish oil."
24	<i>Muraenesox telabon</i>	Kulivi pambao ..	.....	.....
25	<i>Triacanthus brevirostris</i>	Moolcan ..	.....	Eaten by natives.
26	<i>Tetrodon inermis</i>	Plachee ..	.....	.....
27	Do. sp. ?	Do. ..	.....	.....
28	Do. sp. ?	Do. ..	.....	.....

GOVERNMENT CENTRAL MUSEUM,
EGMORE,
2nd July 1886.

(Signed) EDGAR THURSTON,
Superintendent, Government Central Museum.

APPENDICES.

A.

GENERAL LIST OF THE CONTRIBUTIONS, &c., RECEIVED FOR THE GOVERNMENT CENTRAL MUSEUM, FROM 1ST APRIL 1885 TO 31ST MARCH 1886.

	NO.
Abboy, T., Naidu, M.R.Ry.— Country smoking pipes	3
Armstrong, Dr. H., Kilpauk— Bulrush caterpillar from New Zealand	1
Plant from New Zealand	1
Geological specimens from the volcanic districts of New Zealand, Collection	3
Baudry, G. E., Esq., Tellicherry— Pumice stones found floating in the sea	Collection.
Bidie, Dy. Surgn-Genl. G., M.B., C.I.E., Sanitary Commr. for Madras— Snake	1
Fruits of Vateria Malabarica from Travancore	4
Moulds, one of each of Travancore chakram fanam and causy	3
Palm-leaf basket for carrying onions on boardship	1
Calder, D., Esq., St. Thomé— Parrakeet	1
Cameron, J., Esq., Superintendent, Bangalore Museum— Lac insects on <i>Shorea taluna</i>	Collection
Prepared varieties of Areca-nut	21
Carter, H. R. P., Esq., Chetput— Clavicles of a tiger	4
Egg cases of zygæna	63
Aquatic Scorpions	2
Caterpillars of a moth	2
Cocoons of <i>Cricula trifenestrata</i>	3
Woods from an old bridge bored by Isopods (<i>Sphæroma vastator</i>). Snake	2
Chingleput, Collector of— Impressions of seals	1
Conran, Mr. J. G., Perambur— Copper coins	2
Cumine, Master J. C.— Bird's nest	6
Dale, Mr. J., Poonamallee— Reptile (<i>Draco Dussumieri</i>)	1
Pumice stones picked up on the sea-beach at Calicut	1
Daly, William Mahon, Esq., Yercaud, Shevaroy— Birds' nests	2
Eggs received in exchange	8
Insect	37
Fruits	1
Damodaram, R., Naidu, M.R.Ry.— Bat	2
Beetles	1
Butterfly	2
Wasp's nest	1
Shells	1
Davasagayam, D., Pillai, M.R.Ry., Salem— Samples of coffee	1,000
Davison, W., Esq., Ootacamund— Birds	4
Deane, G. W., Esq., The Luz— Chrysalis of a butterfly	96
DeCaster, Mr. E.— Tail of a skate	1
Head of a stone image	1
Dique, Mr. W. F.— Leaf insect	1
Ditmas, F. W., Esq., Assistant Commissioner of Salt Revenue— Fish (<i>Julis lunaris</i>)	1
Doyle, Pat., Esq., C.E., Lucknow— Pieces of Pinewood pulp for paper-making	2
Grass (<i>Pollema eriopoda</i>) bundle	1
Specimens of "ball coal" from the Rani Gunj Coal-field, Damuda Valley, Bengal	8

	NO.
Duncan, J. H., Esq., Nungumbaukum— Common tree-cat (<i>Paradoxurus Musanga</i>)	1
White Guinea-fowl	1
Cobra	1
Dunhill, Mrs. E. S., Pursewalkum— Fish	1
Duraisawmy, A. S., Pillay, M.R.Ry.— Leech	1
Cluster of eggs of a snail	1
Rock specimen	1
Goglet from Mysore	1
Etherajulu Naicker, P., M.R.Ry.— Rat	1
Farmer, H. R., Esq., Acting Collector, Trichinopoly— Chrysalis	2
Fowler, Mr. G.— Bird's nest	1
Garstin, J. H., Esq., C.S.— Indian fire-flies	Collection.
Gleeson, J. M., Esq., Superintendent, Agri-Horticultural Society's Gardens— Spiders	Collection.
Godavari, Collector of— Impressions of seals	3
Gompertz, H., Esq., Yercaud— Stone implements from fort, human face, and peacock hills in Bellary	52
Gordon, D. C., Esq.— Caterpillars	4
Gordon, Mrs. D. C.— Leaf insects	2
Governor in Council, His Excellency the— Dutch manuscript, a memorial of the Dutch in the East	1
Govinda, P., Menon, M.R.Ry.— Insect (<i>Mantis flabellicornis</i>)	1
Guthrie, Colonel T. K.— Mantis	1
Handley, J. W., Esq.— Insect (<i>Nepa grandis</i>)	1
Havelock, Mrs. Ann L.— Skull of a tiger	1
Hawkes, Colonel H. P.— Specimens of raw and ginned Nankin cotton and the coarse cotton-cloths woven from the latter from Aracan	4
A wicker basket made by the hill tribes of British Burma	1
Burmese copper coins	8
Hollingsworth, R., Esq.— Gourami fish	1
Holmes, W. T. Hamilton, Esq.— Egg of horned owl	1
Shell of <i>Balanus</i>	1
Honorary Secretary, Agri-Horticultural Society, Madras— Spiders' nests	2
Old casuarina pole with borings	1
Specimen of curious growth of the roots of <i>Casuarina muricata</i>	1
Honorary Secretary, Bombay Branch of the Royal Asiatic Society— Silver coins	5
Copper coins	2
Honorary Secretary, Madras Literary Society— Gold coin	1
Honorary Secretary, (Philological) Asiatic Society of Bengal, Calcutta— Gold coins	2
Silver do.	17
Copper do.	29
Iya Pillay, Eleazer John, Mr.— Silver coins	3
Copper do.	8
Johnston Major, Chelmsford Estate, Mettupalaiyam— Rheea stalk (<i>China grass</i>) <i>Boehmeria nivea</i> , grown on Chelmsford Estate	1

	NO.
Kernan, Honorable J., Adyar—	
Snake (<i>Eryx Johnii</i>) with mutilated tail ...	1
Kistna District, Collector of—	
Impressions of seals ...	2
Kurnool District, Collector of—	
Impression of seal ...	1
Leman, J. D., Esq., Collector of Coimbatore, and Pickance, Colonel W. J.,	
Superintendent of Jail, Coimbatore—	
Ancient pottery with peculiar markings on it ...	17
Leonard, Mr. J. H., Mount Road—	
Australian magpie ...	1
London Exhibition Committee, Madras—	
Brass jewelry ...	188
Toys ...	30
McNally, Dr. C. J., Egmore—	
Butterfly (<i>Euplexa midamus</i>) with imago and pupa case ...	3
Madhava Charry, M.R.Ry—	
Double brinjal ...	1
Madura, Collector of—	
Impressions of seals ...	2
Magrath, Colonel B. H. W.—	
Spider (<i>Mygale</i> sp.) ...	1
Maitland, Dr. J., Egmore—	
Larvæ of a fly produced in a bottle of gum ...	Collection.
Malabar, Collector of—	
Impressions of seals ...	5
Mitchell, A., Esq., Salt Department, Ennore—	
Snout of a saw-fish (<i>Pristis cuspidatus</i>) ...	1
Mitchell, E. A., Esq., Saint Thomé—	
Cray-fish (<i>Palinurus</i>) ...	1
Mitchell, J. H., Esq., Coimbatore—	
Pangolin ...	1
Mitchell, Mr. W. C. H., Kilpauk—	
Birds' eggs ...	10
Moonosawmy, K., Naidu, M.R.Ry—	
Improved Jew's Harp ...	1
Morgan, Rhodes, Esq.—	
Insect (<i>Nepa grandis</i>) ...	1
Morris, A. W., Esq.—	
Birds' eggs ...	3
Moothosawmy, C., Pillai, M.R.Ry.—	
Parrakeet ...	1
Nasiruddin, Mahomed, Khan Bahadoor—	
Copper coins ...	2
Nellore, Collector of—	
Impression of a seal ...	1
Copy of impression of a seal ...	1
Nicholas, Mr. E. A. S.—	
Snake (<i>Python Molurus</i>) ...	1
North Arcot, Collector of—	
Impressions of seals ...	8
Peddle, Miss, Royapooram—	
Death's-head hawk-moth ...	1
Peebles, Mrs. J. H.—	
Insect (<i>Trombidium</i>) ...	1
President, Municipal Commission, Madras—	
Monkeys ...	2
Tree-cats ...	2
Lion ...	1
Cockatoo ...	1
Black swan ...	1
Prudhomme, H., Esq., Egmore—	
Specimen of wine (bottle) ...	1
Do. of coca leaves ...	Collection
Punjab, Government of, through Major H. H. Cole—	
Buddhist sculptures from two small topes, at places called Nuttu and	
Mian Khan, 24 miles north of Koti Mardan ...	174 pieces,

	NO.
Raghavendra, T., Row, M.R.Ry., Assistant Commissioner, Shimoga—	
Gold coin ...	1
Rainnier, H., Esq.—	
Copper coins ...	93
Rajaram, T. Misser, Esq.—	
Copper coins ...	6
Ratton, Dr. J. L., Egmore—	
Moth (<i>Actias luna</i>) ...	1
Beetle (<i>Cosyphus</i>) ...	1
Revenue Settlement and Agriculture, Acting Director of—	
Specimens of larva of a beetle ...	3
Robertson, W. R., Esq., Saidápet—	
Fish (<i>Lutianus roseus</i>) ...	2
Fresh-water turtle of the genus <i>Emys</i> ...	1
Royal Botanic Gardens, Seebpore, Calcutta, Superintendent of—	
Seeds (<i>Pithecolobium Laman</i>) (packet) ...	1
Seeds, Palm (packet) ...	16
Salem, Collector of—	
Impression in wax of the image of the goddess Kamatchi Amman of	
Conjeeveram ...	1
Salunkei, Kistnaje Row, M.R.Ry., Tanjore—	
Fencing sticks ...	2
Scott, T. M., Esq., Madura—	
Rama Tanka gold coin ...	1
Shortt, J., Retired Deputy Surgeon-General—	
Mammals ...	3
Otter skin ...	1
Bird ...	1
Birds' skins ...	2
Birds in spirit ...	5
Chicken ...	1
Reptiles ...	15
Fish ...	1
Crustacea ...	10
Insects ...	8
Worms in a phial ...	Lot
Calcium carbonate from blackwood	
Do. from teak trees ...	
South Canara, Collector of—	
Impression in wax of a "Vamana Madri" seal ...	1
Stafford, H., Esq., District Forest Officer, Godávári—	
Agates ...	3
Lac found on trees in Rékapalle, Upper Godávári Taluk ...	1
Tailor bird's nest ...	1
Steel, H. W., Esq., Deputy Commissioner of Rohtak—	
Silver coin ...	1
Stephenson, Miss C. F., Kilpauk—	
Moths ...	2
Tanjore, Collector of—	
Beetles of the genus <i>Cerambyx</i> ...	6
Impressions on wax from old seals used by the Dutch and Danish	
Governments ...	6
Impressions on wax from Tanjore palace ...	5
Impression of a seal ...	1
Thomas, H. S., Esq., First Member, Board of Revenue—	
Shells (<i>avicula vexillum</i>) ...	Collection
Shells (<i>Unio Marginalis</i>) ...	3
Thoroughgood, F. N., Esq.—	
Specimen of coral ...	1
Tinnevely, Collector of—	
Impressions of seals ...	4
Travancore, His Highness the Maharajah of—	
Shields ...	4
Tufnell, Captain R. H. C.—	
Silver punch mark Buddhist coin (in exchange) ...	1
Turner, H. G., Esq., Acting Collector of Vizagapatam—	
Impressions of seals ...	2

	NO.
VanIngens, Mrs. Alice, Egmore— Spider's nest and young	2
Vizagapatam, Senior Assistant Collector of— Pelagic shells	12
Volluru, the Zemindar of— Copper coins	1,222
West, H. C., Esq., Nungambakum— Bird (<i>Nycticorax griseus</i>)	1
Egg of <i>Ixos luteolus</i>	1
White, Mr. Willie A. F.— Egg of white scavenger vulture	1
Whiteside, W. S., Esq.— Snake (<i>Tropidonotus quincunciatus</i>)	1
Winde, Monsieur B., Germany— Beetles	115
Wilson Fellows, V. S., Esq., Tuticorin— Plant (<i>Capparis aphylla</i>)	1

B.

VISITORS to the Government Central Museum from 1st April 1885 to 31st March 1886.

1885-86.	SIGNATURES MADE IN											
	English.	Telugu.	Hindustani.	Tamil.	Mahratta.	Nagaree.	Guzaratee.	Canarese.	Chinese.	Cingalese.	Malayalam.	Bengalee.
1	2	3	4	5	6	7	8	9	10	11	12	13
April	1,961	345	147	1,199	13	9	18	20	..	..	48	3
May	1,996	437	203	1,400	17	5	27	14	..	..	16	..
June	2,420	697	269	1,882	14	5	3	29	..	..	25	..
July	2,260	591	460	2,185	8	7	24	16	..	..	27	..
August	2,020	419	213	1,987	11	2	27	23	..	..	21	..
September	2,433	498	253	1,943	14	12	31	14	..	..	40	..
October	1,506	403	139	1,474	17	7	24	18	..	..	26	2
November	1,714	347	147	1,534	..	7	17	12	..	..	35	..
December	4,519	1,103	341	4,023	12	25	72	66	..	..	51	..
January	2,636	578	259	1,765	4	6	26	34	2	..	49	..
February	1,947	338	160	1,222	9	7	17	23	..	2	37	..
March	2,046	439	182	1,206	11	18	16	21	1	..	62	..
Total	27,458	6,195	2,773	21,819	130	110	302	290	3	2	437	5

1885-86.	Total of signatures.	Unable to sign, but tally kept.	Total of visitors.	NUMBER OF		Total of visitors.
				Men and boys.	Women and girls.	
	14	15	16	17	18	19
April	3,763	12,278	16,041	9,755	6,286	16,041
May	4,115	15,635	19,750	11,412	8,338	19,750
June	5,344	23,067	28,401	16,403	11,998	28,401
July	5,578	18,978	24,554	14,650	9,904	24,554
August	4,723	16,498	21,221	12,724	8,497	21,221
September	5,238	23,730	28,968	16,151	12,814	28,968
October	3,616	12,655	17,251	10,266	6,985	17,251
November	3,813	11,487	15,300	9,738	5,562	15,300
December	10,212	50,032	60,264	32,923	27,341	60,264
January	5,359	44,337	49,696	25,103	24,593	49,696
February	3,762	16,365	14,717	9,058	5,659	14,717
March	4,001	14,298	15,299	9,587	5,712	15,299
Total	59,524	251,938	311,462	177,763	133,699	311,462

C.

STATEMENT showing the number of Visitors to the Government Central Museum for the past five years.

1881-82	211,246
1882-83	271,881
1883-84	242,514
1884-85	272,968
1885-86	311,462

D-1.

LIST OF BOOKS ADDED TO THE PUBLIC LIBRARY.

1.—By Purchase (Standard Works).

	Volumes.
Anaryan Early Ideas, a group of Hindoo stories	1
Antiquities of Asia, by Sir W. Jones	2
Bagehot, W.—Physics and Politics	1
Balfour, Surgeon-General E. G.—The Cyclopædia of India	3
Bernstein, J.—The Five Senses of Man	1
Bird, F. J.—The American Practical Dyer's Companion	1
Blades, William.—The Enemies of Books	1
Bower, F. O. and S. H.—Vines Course of Practical Instruction in Botany.	1
Buckley, Arabella B.A.—Short History of Natural Science	1
Caird, Sir James India.—The Land and the People	1
Capper, J.—Observations of the Winds and Monsoons	1
Chambers' Encyclopædia of Universal Knowledge	10
Clarke, C. B.—Commelynaceæ et Cyrtandraceæ Bengalensis, folio	1
Clayton, Sir R.—Life of Alexander the Great	1
Cooke, M. C.—Hand-book of British Fungi	2
Cox, Sir G. W.—The Mythology of the Aryan Nations	2
Curtis's Botanical Magazine, Vols. 13 to 37	25
Deane, Rev. J. B.—Worship of the Serpent	1
De Leon, E.—The Khedives of Egypt	1
De Candolle, A.—Origin of Cultivated Plants	1
Deschanel, A.—Elementary Treatise on Natural Philosophy	1
Dictionary of the Religious Ceremonies of the Eastern Nations, &c.	1
Echoes from Old Calcutta, by H. E. Busteed	1
Forbes, James.—Oriental Memoirs	4
Gladwin, F.—Memoirs of Khojeh Abdul Kurrém	1
Gladwin, F.—Dissertation of the Rhetoric Prosody and Rhyme of the Persians	1
Graham, M.—Journal of a Residence in India	1
Haite's Plant Studies, Parts 3 to 7	5
Hamilton, A.—Account of the East Indies	1
Historical View of Plans for the Government of British India	1
Hooker, J. D.—Rhododendrons of Sikkim Himalaya, folio	1
Hooker, J. D.—Illustrations of Himalayan Plants, folio	1
Hunter, R.—The Encyclopædia Dictionary	5
Husbandry and Commerce of Bengal—Remarks on the present state of the—	1
Huxley, T. H.—Elementary Lessons in Physiology	1
Kirby, W. F.—Elementary Text Book of Entomology	1
Land of Temples	1
Malley, A. C.—Micro-Photography	1
Max Müller, F.—Sacred Books of the East, Vols. 20, 22 and 24	3
Meyen, F. J. F.—Outlines of the Geography of Plants	1
Mitchell, Mrs. M.—In India, Sketches of Indian Life and Travel	1
Money, Colonel E.—The Cultivation and Manufacture of Tea	1
Orme, R.—Fragments of the Mogul Empire	1
Penant, T.—View of Hindoostan	1
Ribot, T.—Diseases of Memory	1
Sadlair, R.—The Aborigines of Australia	1
Smith, John A.—Dictionary of Popular Names of Plants	1
Stallo, J. B.—The Concepts and Theories of Modern Physics	1
Stocqueler, J. H.—Mémor and Correspondence of Major-General Sir William Nott	2
Sully, James.—Illusions, a Psychological Study	1
The Boats of the World by one of the Craft	1
Thumberg, C. P.—Travels in Europe, Africa and Asia	4

	Volumes.
Vogel, Dr. H.—The Chemistry of Light and Photography ...	1
Voigt, J. O.—Hortus Suburbanus Calcuttensis ...	1
Whitney, W. D.—The Life and Growth of Language ...	1
Wise, T. A.—Commentary on the Hindu System of Medicine ...	1
Wood, John.—A Journey to the Source of the River Oxus ...	1
Wurtz, A.—The Atomic Theory ...	1
Year Book of the Scientific and Learned Societies of Great Britain and Ireland ...	2

D-2.

Periodicals.

American Naturalist, Nos. 2 to 12 for 1885 ...	1
Annual Register for 1884 ...	1
Asiatic Journal and Monthly Register ...	41
Asylum Press Almanac for 1886 ...	1
Illustrated London News, Vols. 87 and 88 ...	2
Journal of the Royal Asiatic Society of Great Britain and Ireland, Parts 2, 3 and 4 for 1885 and Part 1 for 1886 ...	1
"London Times," Weekly Edition, Nos. 426 to 481 ...	1
Selections from the Calcutta Review, Vol. 11 for 1884 ...	1
Tropical Agriculturist, Vol. 4, Nos. 9, 10 and 11 ...	1

D-3.

(By Gift) Standard Works.

Benjamin, Rev. R.—Confirmation Class Book ...	1
Calendar of Letters, City of London, 1350—1370, by Reginald R. Sharpe ...	1
Catalogue of the Australian Hydroid Zoophytes, by W. M. Bale ...	1
Catalogue of the Library of the Geological Survey of India, by W. R. Bion ...	1
Catalogue of Surgical Instruments ...	1
Catalogue of Sanskrit Manuscripts, North-Western Provinces, Part 9 ...	1
Catalogue of Sanskrit Manuscripts existing in Oudh, for 1884 ...	1
Catalogue of Sanskrit Manuscript in the Library of the Deccan College with Index ...	1
Catalogue of the Art Collection in the Sir J. J. School of Art, Bombay ...	1
Catalogue of the Victoria and Albert Museum, Bombay ...	1
Centenary Review of the Researches of the Asiatic Society of Bengal, 1784—1883 ...	1
Challenger—Report on the Scientific Results of the Exploring Voyage of the—(Zoology), Vol. 11th ...	1
Challenger—Report on the Scientific Results of the Exploring Voyage of the—(Narrative of the Cruise), Vol. 1, Parts 1 and 2 ...	2
Challenger—Report on the Scientific Results of the Exploring Voyage of the—(Botany) ...	1
China Report, by Mr. Hosie, of a journey through Central Sou-chuan, 1884, No. 2 ...	2
Cunningham's Archaeological Survey of India, Vols. 19 and 20 ...	2
Duka, T.—Life and Works of Cosma de Körös, (Trübner's Oriental Series) ...	1
Export Catalogue of Machinery and Hardwares of the Principal Makers in Great Britain ...	1
Essays relating to Indo-China (Trübner's Oriental Series) ...	2
Foulkes, Rev. T.—The Pallavas (Pamphlet) ...	1
Guide to the Collection of Fossil Fishes in the Department of Geology and Paleontology in the British Museum (Pamphlet) ...	1
Guide to the Galleries of Mammalia in the British Museum (Natural History) ...	1
Howes, G. B.—Atlas of Practical Elementary Biology ...	1
Indian Museum Annual Report for 1884-85 ...	1
Indian Art-work in the Calcutta International Exhibition, 1883-84 ...	1
Leggett, E.—Notes on the Mint Towns and Coins of the Muhammadans. Madras Magnetical Observations for 1851 and 1855, by W. S. Jacob, Esq. ...	1
Manual of the Administration of the Madras Presidency, Vols. 1 and 2 ...	3
Maps prepared for the Madras Manual of the Administration ...	1
Memorials of the Jeypore Exhibition, 1883, by Thomas H. Hendley ...	4
Mills, James.—The Indian Stock-owner's Manual ...	1
Mills, James.—Plain Hints on Diseases of Cattle in India ...	1
Mills, James.—Treatment of Cattle Diseases ...	1

	Volumes.
Montefiore, Sir Moses, Sacred Memorial Services in memory of the late—	1
Mukharji, T. N.—Agricultural Implements collected for the International Exhibition, 1883-84 ...	1
Oppert, Gustav.—Ne Sutor Ultra Crepidam ...	1
Oppert, G.—List of Sanskrit Manuscripts in Southern India, Vol. 2nd ...	1
Pogson, N. R.—Telegraphic Longitude Determinations in India ...	1
Prudhomme, E. N.—The Banker's Ready Reckoner; Tables showing the rates of Interest per cent. per annum on purchases and sales of Bills of Exchange, &c. ...	1
Prudhomme, E. N.—The Indian Investor's Guide ...	1
Prudhomme, E. N.—The Indian Stock Notes Calculator ...	1
Records of the Saidapet Experimental Farm, by Charles Benson ...	1
Rees, J. D.—Notes of a Journey from Kasveen to Hamadan across the Karaghan Country ...	1
Sabda Ratnakaram, a Comprehensive Telugu Dictionary, by B. Sitaramacharyulu ...	1
Sewell, Robert.—A Letter to Gustav Oppert, Ph. D., in reply to his Pamphlet Ne Sutor Ultra Crepidam ...	1
Textile Fabrics of India, Nos. 1 to 1120, 2nd Series ...	17
Third Report of the Curator of Ancient Monuments in India for 1883-84 ...	1
Wardle, Thomas.—Researches on Silk Fibre ...	1
Wherry, Rev. E. M.—A Comprehensive Commentary on the Qur'an, Vol. 3rd (Trübner's Oriental Series) ...	1
Wortham, Rev. B. H.—The Satakas of Bhartrihari (Trübner's Oriental Series) ...	1

D-4.

Periodicals (by Gift).

Bulletin of the Brookville Society of Natural History, No. 1.	
"Fort St. George Gazette," Nos. 14 to 51 for 1885, Nos. 1 to 13 for 1886.	
"Gazette of India," Nos. 12 to 52 for 1885, and 1 to 13 for 1886.	
Indian, Antiquary, by J. Burgess, Vol. 14 for 1885.	
Journal of the Asiatic Society of Bengal, Part 1, Nos. 1 to 4 for 1885; Part 2, No. 3 for 1884; Part 2, Nos. 2 and 3 for 1885.	
Journal of Indian Arts, Nos. 7, 8 and 9.	
Memoirs of the Geological Survey of India, Vol. 21, Parts 3 and 4, and Vol. 22, Parts 1 to 4, for 1885.	
Memoirs of the Geological Survey of India (Palæontologia Indica), Vol. 1, S. 4, S. 13; Vol. 3, S. 10; Vol. 1, S. 4, S. 13; Vol. 1, S. 14.	
Oesterreichische Monatsschrift für den Orient, Nos. 1 to 12 for 1885.	
Proceedings of the Asiatic Society of Bengal, Nos. 11 and 12 for 1884; Nos. 1 to 9 for 1885.	
Proceedings of the Natural History Society of Wisconsin, Vol. 1.	
Quarterly Journal of Veterinary Science in India, Nos. 11 to 13 for 1884-85.	
Records of the Geological Survey of India, Parts 1 to 4 for 1885.	
Statement of Imports and Exports, September to December 1885, and January and February 1886.	
The Pandit, a Monthly Publication devoted to Sanskrit Literature, Nos. 1 to 12 for 1885.	

D-5.

Reports.

	Copies.
Act to obtain Lands and Mines, &c., Arabic ...	1
Administration Report on the Jails of Bengal for 1884, by E. V. Westmacott, Esq. ...	1
Administration Report on the Bombay Jails for 1884 ...	1
Administration Report of the Meteorological Reporter to the Government of Madras for 1884-85 ...	1
Age at which Candidates for the Civil Service of India are admitted for competition in England, being a correspondence between the Government of India and the Secretary of State (Parliamentary Blue Book).	1
Agricultural Statistics, Ireland—General Abstracts showing the Acreage under Crops; also the Number and Description of Live Stock in each Country and Province, 1884-85 (Parliamentary Blue Book) ...	1
A List of Agricultural Implements and Machines which have been experimented with and found efficient and useful in India for 1884-85.	2
Annual Report on the Administration of the Land Revenue in Assam for 1884-85 ...	1

	Copies.
Annual Report on the Foreign Trade of the North-West Provinces and Oudh, 1885	2
Annual Administration Reports of the Forest Department, Madras Presidency, for 1883-84	1
Annual Report of the Madras Court of Small Causes for 1884	1
Annual Report on the Civil Hospitals and Dispensaries in the Madras Presidency, 1883	1
Annual Report with Tabular Statements on the Condition and Management of the Jails in the North-West Provinces and Oudh for 1884	1
Annual Report on the Gardens of His Highness the Maharana of Oodeypore for 1884	1
Annual Report on the Jails of the Hyderabad Assigned Districts for 1884	1
Annual Report on the Administration of Prisons in the Province of Coorg for 1884	1
Annual Report on the Lunatic Asylums in the Madras Presidency for 1884-85	1
Annual Report of the Director of Agriculture, Bombay Presidency, for 1884-85	2
Annual Report of the Khandesh Experimental Farm for 1885	2
Annual Report, Government Experimental Farm, Hyderabad, Sind, for 1885	2
Annual Report of the Royal Botanic Gardens, Calcutta, for 1884-85	2
Annual Report on the Botanical Gardens of Poona for 1885	2
Annual Report of the Department of Revenue Settlement and Agriculture for 1884-85	1
Annual Volume of the Sea-borne Trade and Navigation of the Madras Presidency for the year 1884-85	1
Assessment of Sub-soil Water, being extracts from the Despatch of the Governor of Bombay, 1885 (Parliamentary Blue Book)	1
Catalogue of the Lucknow Exhibition, 1885	1
Central Asia—Further correspondence respecting Central Asia, with Maps, Nos. 2, 3 and 4 (Parliamentary Blue Book)	2
Central Asia—Circular Despatch addressed by Prince Gortchakow to Russian Representatives abroad for 1864 (Parliamentary Blue Book)	1
Central Asia—Further correspondence respecting the affairs of Central Asia, 1885, No. 5 (Parliamentary Blue Book)	1
China correspondence respecting the duties on Opium, 1885, No. 5 (Parliamentary Blue Book)	1
Civil Justice Report of British Burma for 1884	1
Civil Statements of the North-Western Provinces for 1884	1
Cotton in Assam, 1885	1
Criminal Justice Report of British Burma for 1884	1
Criminal Statements of the North-Western Provinces for 1884	1
East Indian Financial Statement for 1885-86 (Parliamentary Blue Book)	1
Egypt correspondence respecting Ports in the Red Sea and the Gulf of Aden and the Province of Harar, 1885 (Parliamentary Blue Book)	1
Elephant Pipes in the Museum of the Academy of Natural Science, Davenport Iowa	1
Emigration Statistics of Ireland for 1884 (Parliamentary Blue Book)	1
Estimate of Revenue and Expenditure of the Government of India, 1884-85 (Parliamentary Blue Book)	1
Home Accounts of the Government of India, 1885 (Parliamentary Blue Book)	1
Indian Meteorological Memoirs, by H. F. Blanford, Vol. 2, Parts 4 and 5	2
Instructions for the preparation of Village Papers in the Punjab for 1885	2
Monograph on Cotton Manufacture in the Punjab	1
Muhammadan Proper Names of Females—A list of	1
Note on the Agricultural Products of the Hyderabad Assigned Districts, by Surgeon S. Hume, M.B., 1885	1
Note on Agricultural Implements in America	1
New South Wales Technological, Industrial, and Sanitary Museum—Report of the Committee of Management for 1884	1
New South Wales Australian Museum—Report of the Trustees for 1884	1
Non-effective Charges of Her Majesty's Forces, 1885 (Parliamentary Blue Book)	1
Proceedings of the Director of Public Instruction—Report of the Madras Agricultural College for 1885	1

	Copies.
Proceedings of the Honorable the Lieutenant-Governor of the Punjab in the Departments of Revenue and Agriculture, 1885	2
Progress Report of Forest Administration in the Hyderabad Assigned Districts for 1884-85	2
Proposed Changes in the Indian Army System, being copy of correspondence between the Government of India and the Secretary of State for 1884 (Parliamentary Blue Book)	1
Question Papers of the 17th and 18th Lessons	1
Report on the Nagpore Experimental Farm in the Central Provinces for 1884-85	2
Report on the Railway-borne Traffic of the Central Provinces for 1884-85	1
Report on Public Instruction in the Madras Presidency for 1883-84	1
Report on the Administration of the Madras Presidency for 1884-85	1
Report on the Meteorology of India for 1883, by H. F. Blanford	1
Report on the Administration of the Meteorological Department of the Government of India for 1884-85	1
Report on the Revenue Administration of British Burma for 1884-85	2
Report on the Prison Administration of British Burma for 1884	1
Report on the Administration of Civil Justice in the Punjab and its Dependencies for 1884	1
Report on the Administration of (Criminal) Justice in Oudh for 1884	1
Report on the Administration of the Department of Salt Revenue in the Presidency of Fort St. George, 1883-84	1
Report on the Judicial Administration (Civil) of the Central Provinces for 1884	1
Report on the Judicial Administration (Criminal) of the Central Provinces for 1884	1
Report on the Jails of the Central Provinces for 1884	1
Report on Criminal and Civil Justice in the Hyderabad Assigned Districts for 1884	1
Report on the Progress and Condition of the Government Botanical Gardens at Saharanpur and Mussoorie for 1885	2
Report on the Administration of Criminal Justice in the Punjab and its Dependencies for 1884	1
Report on the Jails of the Punjab for 1884, by R. Gray, Esq.	1
Report on the Horticultural Gardens, Lucknow, for 1885	2
Report on the Cawnpore Agricultural Station for 1884	2
Report on the Administration of Civil Justice in Oudh for 1884	1
Report on the Jail Administration of the Province of Assam for 1884	1
Report on the External Trade of Bengal with Nepaul, Sikkim and Bhutan for 1884-85	1
Report on the Revenue Administration of the Punjab and its Dependencies for 1884-85	1
Report on the Operations of the Department of Agriculture and Commerce, North-West Provinces and Oudh, for 1885	2
Report on the Railway-borne Traffic of the North-West Provinces and Oude for 1885	2
Report of the Government Agri-Horticultural Gardens, Lahore, for 1884-85	1
Report of the Indian Famine Commission, Appendix, Vols. 3 and 4. Evidence in reply to inquiries of the Commission (Parliamentary Blue Book)	2
Report of the Indian Famine Commission, Part 3rd (Parliamentary Blue Book)	1
Report from the Select Committee on Forestry, with the Proceedings of the Minutes of Evidence, 1885 (Parliamentary Blue Book)	1
Report on Arboriculture in the Hyderabad Assigned Districts for 1884-85	2
Report on the River-borne Traffic of the Lower Provinces of Bengal and Inland Trade of Calcutta for 1884-85	1
Report of the Agricultural Department in Assam, by H. Z. Darrah, Esq., for 1884-85	2
Report on Publications issued and registered in the several Provinces of British India for 1883	1
Report on Sanitary Measures in India in 1883-84, with Miscellaneous Information up to June 1885 (Parliamentary Blue Book)	1
Returns of Railway-borne Traffic, Central Provinces, for 1885 and 1884	4

	Copies.
Review of the Revenue Administration of the Province of Oudh for 1884.	1
Review of Forest Administration in British India, by B. Ribbentrop, for 1883-84 ...	1
Review of the Agricultural and Revenue Reports for 1884-85 ...	1
Second Annual Report of the Board of Trustees of the Public Museum of the City of Milwaukee for 1884 ...	1
Statement of the Trade of British India with British Possessions and Foreign Countries for 1879-80 to 1883-84 (Parliamentary Blue Book).	1
Statement exhibiting the Moral and Material Progress and Condition of India for 1882-83 (Parliamentary Blue Book) ...	1
Statement showing the Net Revenue and Expenditure of India from 1874-75 to 1883-84 and as estimated for 1884-85 and 1885-86 (Parliamentary Blue Book) ...	1
Statement showing the Principal Figures in the East India Accounts for 1882-83 and 1883-84 and Estimates for 1884-85 and 1885-86 with explanation (Parliamentary Blue Book) ...	1
Statistical Report of the Health of the Navy for 1883 (Parliamentary Blue Book) ...	1
Statistical Abstract for the Principal and other Foreign Countries in each year from 1873 to 1882-83 (Parliamentary Blue Book) ...	1
Statistical Abstract for the United Kingdom in each of the last fifteen years from 1870 to 1884 (Parliamentary Blue Book) ...	1
Statistical Abstract relating to British India from 1874-75 to 1883-84 (Parliamentary Blue Book) ...	1
Statistical Abstract of the several Colonial and other Possessions of the United Kingdom from 1869 to 1883 (Parliamentary Blue Book) ...	1
Sugar-cane and Sugar Trade in British Burma—Memorandum, by Mr. J. E. Bridges ...	1
Sugar Bounties, being a copy of correspondence on the subject (Parliamentary Blue Book) ...	1

D-6.

Patent Office Papers.

Alphabetical Index of Patents and Applicants for Patents of Invention for 1884 ...	1
Illustrated Journal of Patented Inventions from No. 1 to 125 (incomplete) ...	1
Patents for Inventions, Specifications and Drawings, Vol. 60 for 1883 ...	1
Patents for Inventions, Specifications and Drawings, Vols. 1 to 12 for 1884, Vol. 6 wanting ...	11
Subject-matter Index of Applicants for Letters Patent for 1884 ...	1
Specifications relating to Railways, Part 2, 1867—1876 ...	1
Specifications relating to the preparation of India Rubber and Gutta-percha, Part 2, 1867—1876 ...	1
Specifications relating to Artificial Leather, Floor-cloth, Oil-cloth, Oil-skin and other Water-proof Fabrics, Part 2, A.D. 1867—1876 ...	1
Specifications relating to Starch, Gum, Size, Glue and other Stiffening and Adhesive Materials, Parts 1 and 2, A.D. 1817—1876 ...	1
Specifications relating to preparing and cutting Cork, bottling Liquids, securing and opening Bottles, &c., Part 2, A.D. 1867—1876 ...	1

E-1.

LIST OF BOOKS ADDED TO THE SCIENTIFIC LIBRARY.

By Purchase (Standard Works).

	Volumes.
Bell, F. J.—The Zoological Record, Vol. 21, for 1884 ...	1
Iconographie der Schalentragenden Europäischen Meeresconchylien, by Dr. W. Kobelt Heft, 3 ...	1
Report of the British Association for the advancement of Science for 1884 ...	1
Semper, Dr. C.—Reisen in Archipel der Philippinen, Die Seewalzen, Vol. 4, Part 3, 1885 ...	1
Semper, Dr. C.—Reisen in Archipel der Philippinen, Die Seewalzen Von Dr. Kurt Lampert ...	1
Semper, Dr. C.—Reisen in Archipel der Philippinen Land, Mollusken Heft 7 ...	1

E-2.

Periodicals.

Annals and Magazine of Natural History ...	Nos. 85 to 96 for 1885.
Annales de la Société Entomologique de France ...	Nos. 1 to 4 for 1885.
Annales des Science Naturelles Botanique ...	Vols. 20 and Vols. 1 and 2 for 1885.
Annales des Science Naturelles, Zoologie ...	Nos. 1 to 4 for 1885.
Bulletin de la Société Imperiale des Moscovites ...	Nos. 1 to 4 for 1884.
Conchologische Mittheilungen ...	Vol. 2, Nos. 1 to 6.
Ibis—A Quarterly Journal of Ornithology ...	Nos. 9 to 12 for 1885.
Journal de Conchyliologie ...	Nos. 1 to 4 for 1885.
Journal of the Linnean Society, Botany ...	Nos. 136 to 141 for 1885.
do. do. Zoology ...	Nos. 107 to 112 for 1885.
Nature—A Weekly Illustrated Journal of Science ...	Vols. 31 and 32, Nos. 784 to 835, for 1884-85.
Nouvelles Archives du Museum d'Histoire Naturelle ...	No. 2 for 1884, No. 1 for 1885.
Philosophical Magazine ...	Nos. 116 to 127 for 1885.
Proceedings of the Zoological Society ...	Parts 1 to 4 for 1885.
Quarterly Journal of the Geological Society ...	Nos. 161 to 164 for 1885.
Transactions of the Entomological Society ...	Parts 1 to 5 for 1885.
Transactions of the Linnean Society, Zoology ...	Vol. 3, Part 3 for 1885.
Transactions of the Palæontographical Society ...	Vol. 39 for 1885.

E-3.

By Gift (Standard Works).

	Volumes.
Catalogue of Indian Coins (Greek and Scythic) ...	1
Catalogue of the Fossil Mammalia in the British Museum, Parts 1 and 2.	2
Catalogue of the Lizards in the British Museum ...	2
Catalogue of the Passeriformes or Perching Birds in the British Museum, Vol. 10th ...	1
Catalogue of the Palæozoic Plants in the British Museum ...	1
Catalogue of the Indian Coins in the British Museum (Muhammadan Coins) ...	1
Catalogue of the Indian Coins in the British Museum (The Sultans of Delhi) ...	1
Hawkins, Edward.—Medallie Illustrations of British History ...	2
Hand List of Mollusca in the Indian Museum, Calcutta, (Gastropoda), Part 2 ...	1
List of the Specimens of Cetacea in the British Museum, by W. H. Flower, LL.D. ...	1

FISH LIBRARY.

Henshall, J. A.—Book of the Black Bass ...	1
Lambert, O.—Angling Literature in England ...	1
Mackenzie, M.—View of the Salmon Fishery of Scotland ...	1
Norris, T.—American Fish Culture ...	1
Note on private rights in Fisheries in connection with the Madras Fisheries Bill ...	1
Report of the Fish Commission, United States, Parts 7, 8, 9 and 10 ...	4
Report on Salmon Fisheries (Ireland) ...	1
Report of the Inspectors of Irish Fisheries on the Sea and Inland Fisheries of Ireland for 1884 ...	1
Report of the Commissioners appointed to inquire and report upon the complaints that have been made by Line and Drift Net Fishermen of injuries sustained by them in their calling owing to the use of the Trawl Net and Beam Trawl in the Territorial Waters of the United Kingdom for 1885 ...	1
Slack, J. H.—Practical Trout Culture ...	1
Third Annual Report of the Fishery Board for Scotland for 1884 ...	1
Twenty-fourth Annual Report of the Inspector of Fisheries (England and Wales) for 1884 ...	1
Yarrell, W.—On the growth of the Salmon in Fresh-water (Pamphlet).	1

MADRAS,
2nd July 1886.

(Signed) EDGAR THURSTON,
Superintendent, Government Central Museum.

ORDER—dated 23rd August 1886, No. 732, Revenue.

Miscellaneous.

With his letter read above the Superintendent, Government Central Museum, submits his report for the year 1885-86.

Dr. Bidie gave over charge of the office of Superintendent to Dr. Thurston on October 12th, 1885, and His Excellency the Governor in Council took an opportunity of expressing his appreciation of the former officer's valuable services, in reviewing the report for 1884-85.

2. The number of visitors to the Museum during the year again shows an advance, being 311,462 as against 272,968 in the previous year. The Government observe with satisfaction that there was an increase in the number of gosha ladies who visited the Museum on the days reserved for them. There was also a considerable increase in the number of books consulted during the year. The position of the staff has been recently much improved and the Government notice with pleasure the interest which the various assistants take in their work. It appears from paragraph 7 that some of the buildings require slight repairs. The attention of the Public Works Department will be invited to the subject.

3. His Excellency the Governor in Council is much indebted to the various gentlemen who contributed to the Museum during the year.

4. In conclusion, His Excellency in Council desires to notice the evident zeal and interest of Dr. Thurston in his work. He should, however, avoid burdening his report with such unnecessary matter as that contained in paragraph 17.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

To the Superintendent, Government Central Museum.
„ the Board of Revenue.
„ the Public Works Department.
„ the Public Department.
„ Surgeon-General G. Bidie, M.B., C.I.E.
„ the Editors' Table.

Exd. J. Henricus.

P. N. D.
Govt. of (1886) Madras.

REVENUE.

Issued

Recd.

Encl.

G.O., 23rd August 1886, No. 732.

AUGUST.

Government Central Museum.

Reviewing report of the — for the year
1885-86.

25TH AUGUST 1887, No. 840, REVENUE.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following paper :—

From EDGAR THURSTON, Esq., Superintendent, Government Central Museum,
to the Secretary to Government, Revenue Department, dated Madras, 9th
July 1887, No. 562 :—

ABSTRACT.—Submitting report of the Government Central Museum for the year 1886-87.

ENCLOSURES.

ADMINISTRATION REPORT OF THE GOVERNMENT CENTRAL
MUSEUM FOR THE YEAR 1886-87.

VISITORS TO THE MUSEUM.—The usual statistical returns of the numbers of visitors to the Museum during the year are given in appendix B. The total number was 233,028 against 311,462 in 1885-86. The greatest number of visitors on any single day was 11,406 on January the 7th (*Thavathasee*) against 25,834 on the corresponding day in 1885, and the decrease was probably due to the effect of the catastrophe at the Madras Fair.

The percentage of female visitors was 37.9 against 42.95 in 1885-86, showing a decrease of 5.05 per cent., whereas the percentage of male visitors was 62.09 against 57.05 in 1885-86, showing an increase of 5.04 per cent.

The number of gosha visitors on the day set apart for them every month was 749 against 1,181 in 1885-86, being a decrease of 432.

2. BUILDINGS.—Some defects in the roof of the main hall were remedied by replastering and white-washing, and some minor repairs, which were rendered necessary by the removal of certain racks and fittings from the walls and pillars of the same hall, were also carried out. The walls of this hall were also white-washed throughout.

The floor of the sleeping quarters in the head taxidermist's house requires raising on account of their dampness during the monsoon, and the same quarters require retiling throughout in addition to a few minor repairs.

A *porte-cochère* still remains to be placed in front of the Superintendent's house.

The want of a water-pandal for the distribution of water and the sale of refreshments, by a Brahmin appointed for the purpose, to the numerous caste visitors to the Museum who frequently picnic in the grounds during the greater part of the day, is much felt, and an unused godown in the Museum compound could, at a trifling cost, be set apart for this purpose.

3. MUSEUM GROUNDS.—The experiment mentioned in my last annual report of planting the rain tree, *Pithecolobium saman*, by the side of the seedling mahogany trees has had a negative result so far, as there is no appreciable difference between the growth of the mahoganies so planted and of those planted under ordinary conditions. Some of the *Bixa orellana* trees flowered during the year, but set no fruit. The *Erythroxylon coca* plants are still growing, and some bore fruit. Several trees were blown down during the gale of November 9th, and among them a fine *Ravenala madagascariensis* which was planted in 1872. This was carefully propped up, but, after living for five months, suddenly collapsed.

The following fruit trees were planted and are all flourishing :—

Anona reticulata ...	Bullock's heart.	Citrus medica ...	Citron.
Do. muricata ...	Sour sop.	Do. bergamia ...	Lime.
Averrhoa bilimbi ...	Bilimbi.	Mangifera indica ...	Mango.
Do. carambola ...	Carambola.	Eugenia jambos ...	Rose apple.
Citrus aurantium ...	Orange.	Punica granatum ...	Pomegranate.
Do. do. ...	Sweet orange.	Artocarpus integrifolia ...	Jack.
Do. decumana ...	Pompelmoes.	Do. incisa ...	Bread-fruit.

4. The artist was occupied during the greater part of the year in making copies or original drawings and paintings of fishes, Crustacea, &c., which have been framed and placed in the "Fish gallery." He also accompanied me on my tour to Ramesvaram Island, and made pictures of various marine animals in their fresh condition before their colors faded.

Towards the end of the year a draughtsman was engaged from the School of Arts, in order to make drawings of some of the coins in the Museum collection. His drawings of the coins of Mysore were lithographed by Mr. A. Barren.

5. CATALOGUES.—At the end of the year a catalogue of the coinage of Mysore was in the press, as also was a report of my tour to Rameswaram Island, which will be issued as the first of a series of Museum Notes.

Provisional manuscript catalogues were prepared of the Parthian, Indo-Portuguese and Indo-French coins, and also of the coins of Ceylon, the East India Company, and the Patan Sultans of Delhi in the Museum collection.

6. ESTABLISHMENT.—The proposals made in my letter to Government (No. 194, dated 3rd March 1886) were acceded to in G.O., No. 293, dated 21st April 1886, and the following increases of salary sanctioned:—

Assistant Librarian from Rs. 10 to 12 per mensem.	
Second Humal from „ 11 to 12	„
Third Taxidermist from „ 14 to 17	„

7. ETHNOLOGY AND ANTIQUITIES.—The donations to these departments included an ancient pot found in the ruins of Yellama's temple at Penukonda, Anantapur, presented by Sir M. E. Grant Duff, and impressions of seals and copies of copper grants presented by the Collectors of Coimbatore and South Arcot. To the Archaeological Survey the Museum is indebted for a number of sculptures from Magala, Hadagalli, Hira Hadagalli, Bibdrahalla and Vijayanagar, and also some ancient stone images from Erukampet, and fragments of ancient pots and sarcophagi excavated from the side of a hill at Pallavaram. Similar specimens from the same locality were presented to the Museum by F. N. Thorowgood, Esq., Superintendent of the Harbour Works, who first drew attention to the discovery of these ancient relics.

8. INDO-COLONIAL EXHIBITION.—Towards the end of the year a number of articles which were sent by the Madras Government to the London Indo-Colonial Exhibition, 1886, and reserved for the Government Central Museum, arrived, and will eventually be placed in the art gallery which it is proposed to arrange. These articles, of which a complete list is given in the appendix, consist mainly of gold and silver jewelry, articles in brass and copper, musical instruments and various fabrics.

9. GEOLOGY AND MINERALOGY.—The geological and mineralogical collections were transferred to the old bird and mammalian gallery, and their place taken by the birds and eggs, and mammalia.

A small collection of geological and mineralogical specimens was lent to the Agricultural College, Saidápet, for lecture purposes.

10. HERBARIUM.—The following is a summary of the work done by the Herbarium-keeper during the year:—

- Arranged according to Hooker's Synopsis Filicum 61 genera and 437 species of Filices.
- Arranged according to Thwaite's Enumeratio 61 species of the genus Ficus.
- Arranged according to Hooker's Flora of British India 36 genera and 136 species of the natural orders Chenopodiaceae to Laurinae.
- Arranged according to Steudel's Synopsis Plantarum Cyperacearum 21 genera and 185 species of Sedges.
- Arranged according to Steudel's Synopsis Plantarum Graminearum 91 genera and 361 species of grasses.

The Herbarium-keeper was also engaged in making a collection of raw products (*vide* paragraph 14).

The Herbarium received a valuable addition to its contents by the donation by Dr. G. King, Superintendent of the Botanical Gardens, Calcutta, of 98 specimens of the genus Ficus.

11. LIBRARY.—The total number of visitors to the library was 6,208 against 5,563 in 1885-86, being an increase of 645.

The following list shows the nature and number of the books consulted during the year:—

Class of Books.	No. consulted.
Architecture and Engineering	6
Astronomy and Meteorology	13
Botany, Agriculture and Forestry	22
Chemistry	13
Comparative Anatomy and Physiology	30
District Manuals, and Administration and other Reports	10
Educational	5
Encyclopædias, Dictionaries, &c.	35
English Literature	39

Class of Books.	No. consulted.
Ethnology and Antiquities	19
Geography and Topography	6
Geology and Mineralogy	7
History and Biography	23
Journals and Transactions of Societies	4
Law and Political Economy	9
Mathematics	5
Medicine and Hygiene	15
Microscopic Science	2
Miscellaneous	14
Oriental Languages and Literature	31
Photography	8
Physical Science	15
Psychology	10
Religion and Theology	7
Travels	16
Zoology	12
Total ...	376

The following is a summary of the additions to the library during the year (*vide* appendix):—

	NO.
Presented by Government	138
Presented by private individuals	61
Purchased	94
British Museum publications	10
Patent Office papers	116
Trübner's Oriental series	4
Books for Fish Library	5
Periodicals	349
Records and other publications	29
Parliamentary Blue books	29
Total ...	835

The number of books bound during the year was 146.

12. NATURAL HISTORY.—(1) *Invertebrata*.—Many marine species were obtained locally or during my tours along the coast, but had not been placed in the Museum at the end of the year owing to the want of bottles which had been indented for, but had not arrived.

The following miscellaneous "spirit specimens" were, however, placed in the fish gallery, the re-arrangement of which was nearly completed during the year:—

PORIFERA.

Spongilla sp. (Fresh-water sponge). From the Spur Tank, Madras.

COELENTERATA.

Pennatula sp.

ECHINODERMATA.

Holothuria sp. (Trepang). *Synapta* sp.

Cotochirus quadrilaterus.

VERMES.

Bipalium univittatum. From the Agri-Horticultural Gardens.

CRUSTACEA.

Gonodactylus chiragra.

Squilla scorpio.

Do. nepa.

Do. sp. alima larva.

Hippa asiatica.

Neptunus sanguinolentus.

Charybdis crucifera.

Chelonobia testudinaria.

INSECTA.

Queen White Ant.

TUNICATA.

Ascidia sp.

The following shells of marine, land, and fresh-water Mollusca from various parts of the Presidency were displayed in cases made for them:—

<i>Hyalaea tridentata</i> ...	Pámban.	<i>Solarium laevigatum</i> ...	Madras.
<i>Ianthina africana</i> ...	Madras.	<i>Do. perspicuum</i> ...	Do.
<i>Do. fragilis</i> ...	Ennore.	<i>Do. stramineum</i> ...	Do.
<i>Do. globosa</i> ...	Madras.	<i>Conus amadis</i> ...	Pámban.
<i>Do. iricolor</i> ...	Do.	<i>Do. figulinus</i> ...	Madras.
<i>Murex anguliferus</i> ...	Do.	<i>Do. marmoreus</i> ...	Pámban.
<i>Do. haustellum</i> ...	Pámban.	<i>Do. punctatus</i> ...	Do.
<i>Do. tenuispina</i> ...	Madras.	<i>Strombus canarium</i> ...	Do.
<i>Do. tribulus</i> ...	Vizagapatam.	<i>Pterocera aurantia</i> ...	Do.
<i>Fusus colus</i> ...	Pámban.	<i>Do. lunbis</i> ...	Do.
<i>Pyrula bulbosa</i> ...	Madras.	<i>Do. scorpius</i> ...	Do.
<i>Do. cochlidium</i> ...	Vizagapatam.	<i>Cypraea arabica</i> ...	Madras Harbour.
<i>Do. pugilina</i> ...	Negapatam.	<i>Do. asellus</i> ...	Cochin.
<i>Do. spirillus</i> ...	Vizagapatam.	<i>Do. caput serpentis</i> ...	Cape Comorin.
<i>Pleurotoma crenularis</i> ...	Tranquebar.	<i>Do. felina</i> ...	Madras.
<i>Do. javana</i> ...	Vizagapatam.	<i>Do. interrupta</i> ...	Do.
<i>Do. marmorata</i> ...	Negapatam.	<i>Do. lynx</i> ...	Pámban.
<i>Do. nodifera</i> ...	Madras.	<i>Do. nirundo</i> ...	Madras.
<i>Do. violacea</i> ...	Vizagapatam.	<i>Do. mauritiana</i> ...	Do.
<i>Triton chlorostoma</i> ...	Madras.	<i>Do. ocellata</i> ...	Quilon.
<i>Do. cingulatus</i> ...	Do.	<i>Do. tigris</i> ...	Pámban.
<i>Do. decipiens</i> ...	Do.	<i>Oyulum birostre</i> ...	Do.
<i>Buccinum obsoletum</i> ...	Do.	<i>Do. volva</i> ...	Do.
<i>Do. tranquebaricum</i> ...	Do.	<i>Cerithium morus</i> ...	Vizagapatam.
<i>Nassa callospira</i> ...	Pámban.	<i>Do. vulgatum</i> ...	Do.
<i>Do. collaria</i> ...	Madras.	<i>Do. microptera</i> ...	Madras.
<i>Do. canaliculata</i> ...	Vizagapatam.	<i>Do. breviculum</i> ...	Vizagapatam.
<i>Do. coromandel</i> ...	Pulicat.	<i>Telescopium fuscum</i> ...	Cochin.
<i>Do. crenulata</i> ...	Madras.	<i>Do. sp.</i> ...	Do.
<i>Do. ornata</i> ...	Negapatam.	<i>Melania collistricta</i> ...	Madras.
<i>Do. suturalis</i> ...	Madras.	<i>Do. tuberculata</i> ...	Do.
<i>Do. unicolorata</i> ...	Do.	<i>Pirena atra</i> ...	Vizagapatam.
<i>Eburna spirata</i> ...	Do.	<i>Littorina cingulifera</i> ...	Madras.
<i>Do. zeylanica</i> ...	Do.	<i>Do. malaccana</i> ...	Do.
<i>Purpura bufo</i> ...	Vizagapatam.	<i>Do. rugosa</i> ...	Do.
<i>Do. carinifera</i> ...	Negapatam.	<i>Do. undulata</i> ...	Do.
<i>Do. hippocastanum</i> ...	Vizagapatam.	<i>Paludina melanostoma</i> ...	Do.
<i>Do. persica</i> ...	Do.	<i>Paludomus tanjorica</i> ...	Courtaliar River.
<i>Do. sacellum</i> ...	Madras.	<i>Bithynia marginata</i> ...	Madras.
<i>Ricnula tuberculata</i> ...	Vizagapatam.	<i>Do. pulchella</i> ...	Do.
<i>Oliva candida</i> ...	Pondicherry.	<i>Ampullaria carinata</i> ...	Red Hill Tank.
<i>Do. cinnamomea</i> ...	Cape Comorin.	<i>Do. glauca</i> ...	Madras.
<i>Do. gibbosa</i> ...	Madras.	<i>Do. globosa</i> ...	Red Hill Tank.
<i>Do. ispidula</i> ...	Do.	<i>Turritella attenuata</i> ...	Madras.
<i>Do. macleayi</i> ...	Do.	<i>Do. columnaris</i> ...	Do.
<i>Do. oricola</i> ...	Pondicherry.	<i>Do. duplicata</i> ...	Do.
<i>Turbinella rapa</i> ...	Pámban.	<i>Siliquaria anguina</i> ...	Pámban.
<i>Cymbium indicum</i> ...	Do.	<i>Crucibulum extinctorum</i> ...	Cochin.
<i>Mitra cinctella</i> ...	Madras.	<i>Crepidula walshii</i> ...	Pámban.
<i>Do. inquinata</i> ...	Do.	<i>Nerita albicilla</i> ...	Do.
<i>Harpa ventricosa</i> ...	Do.	<i>Do. costata</i> ...	Vizagapatam.
<i>Cassia arcata</i> ...	Pámban.	<i>Do. plicata</i> ...	Quilon.
<i>Do. canaliculata</i> ...	Do.	<i>Do. rumphii</i> ...	Pámban.
<i>Dolium fasciatum</i> ...	Do.	<i>Do. semirugosa</i> ...	Vizagapatam.
<i>Do. maculatum</i> ...	Do.	<i>Neritina melangris</i> ...	Madras.
<i>Do. olearium</i> ...	Do.	<i>Do. mertonia</i> ...	Pulicat.
<i>Ficula dussumieri</i> ...	Do.	<i>Do. perrotetiana</i> ...	Do.
<i>Do. reticulata</i> ...	Do.	<i>Phasianella lineolata</i> ...	Pámban.
<i>Natica glauca</i> ...	Madras.	<i>Turbo sp. (operculum)</i> ...	Do.
<i>Do. lineata</i> ...	Do.	<i>Rotella suturalis</i> ...	Pulicat.
<i>Do. mamilla</i> ...	Do.	<i>Do. vestiaris</i> ...	Do.
<i>Do. melanostoma</i> ...	Do.	<i>Delphinula distorta</i> ...	Pámban.
<i>Do. tincturata</i> ...	Do.	<i>Trochus niloticus</i> ...	Do.
<i>Sigaretus neritoides</i> ...	Do.	<i>Do. umbilicatus</i> ...	Pámban.
<i>Terebra mynes</i> ...	Pulicat.	<i>Do. vividus</i> ...	Quilon.
<i>Do. tigrina</i> ...	Madras.	<i>Do. sp. (operculum)</i> ...	Cape Comorin.
<i>Do. traillii</i> ...	Vizagapatam.	<i>Haliotis semistriata</i> ...	Pámban.

<i>Dentalium octogonum</i> ...	Cochin.	<i>Solen vagina</i> ...	Ennore.
<i>Patella luzonica</i> ...	Madras.	<i>Machæra radiata</i> ...	Madras.
<i>Do. rudis</i> ...	Do.	<i>Mactra attenuata</i> ...	Do.
<i>Do. variegata</i> ...	Do.	<i>Do. symmetrica</i> ...	Do.
<i>Do. limbata</i> ...	Do.	<i>Soletellina diplos</i> ...	Do.
<i>Do. variabilis</i> ...	Do.	<i>Tellina blainvillei</i> ...	Pulicat.
<i>Bulla ampulla</i> ...	Pámban.	<i>Donax cuneata</i> ...	Madras.
<i>Do. cymbalum</i> ...	Vizagapatam.	<i>Do. deltoides</i> ...	Do.
<i>Do. fasciata</i> ...	Negapatam.	<i>Do. scortum</i> ...	Ennore.
<i>Do. glabra</i> ...	Adyar.	<i>Do. pristis</i> ...	Pondicherry.
<i>Aplysia leporina</i> ...	Pulicat.	<i>Venus lamareckii</i> ...	Pámban.
<i>Helix cacuminifera</i> ...	Nilgiris.	<i>Do. reticulata</i> ...	Do.
<i>Do. albata</i> ...	Timevelly.	<i>Do. scabra</i> ...	Madras.
<i>Do. ampulla</i> ...	Manantoddy.	<i>Cytherea ovum</i> ...	Do.
<i>Do. basileus</i> ...	Anaimalais.	<i>Dione erycina</i> ...	Pámban.
<i>Do. bistrialis</i> ...	Madras.	<i>Do. festiva</i> ...	Do.
<i>Do. cysis</i> ...	Nilgiris.	<i>Meroe hians</i> ...	Madras.
<i>Do. fallaciosa</i> ...	Madras.	<i>Do. picta</i> ...	Do.
<i>Do. guerini</i> ...	Nilgiris.	<i>Do. solandri</i> ...	Do.
<i>Do. layardi</i> ...	Anaimalais.	<i>Do. truncata</i> ...	Do.
<i>Do. nicobarica</i> ...	Nullamallays.	<i>Circe scripta</i> ...	Pámban.
<i>Do. nilagirica</i> ...	Nilgiris.	<i>Tapes brugueri</i> ...	Vizagapatam.
<i>Do. retifera</i> ...	Do.	<i>Do. malabarica</i> ...	Cochin.
<i>Do. semirugata</i> ...	Madras.	<i>Do. pinguis</i> ...	Sadras.
<i>Do. solata</i> ...	Nilgiris.	<i>Do. rotundata</i> ...	Pámban.
<i>Do. theodari</i> ...	Tiruválur.	<i>Venerupis sp.</i> ...	Cape Comorin.
<i>Do. thyreus</i> ...	Nilgiris.	<i>Cardita antiquata</i> ...	Ennore.
<i>Do. tranquebarica</i> ...	Tranquebar.	<i>Unio marginalis</i> ...	Madras.
<i>Do. vitellina</i> ...	Madras.	<i>Do. wynegungaensis</i> ...	Do.
<i>Streptaxis perroteti</i> ...	Nilgiris.	<i>Mytilus latus</i> ...	Do.
<i>Bulimus jerdoni</i> ...	The Deccan.	<i>Do. smaragdinus</i> ...	Sonnapur River.
<i>Do. malabaricus</i> ...	Do.	<i>Avicula fucata</i> ...	Tuticorin.
<i>Do. punctatus</i> ...	Madras.	<i>Do. do. young</i> ...	Do.
<i>Oleacina tornensis</i> ...	Do.	<i>Do. do. pearls from</i> ...	Do.
<i>Limnea acuminata</i> ...	Sriperumbudur.	<i>Do. do. young, at-</i>	
<i>Planorbis coromandus</i> ...	Madras.	<i>tached to branches of</i>	
<i>Cyclotus filocinctus</i> ...	Nilgiris.	<i>Gorgonia</i> ...	Do.
<i>Pterocyclos bilabiatus</i> ...	Salem.	<i>Pinna japonica</i> ...	Cochin.
<i>Cyclophorus cuspidatus</i> ...	Nilgiris.	<i>Arca granosa</i> ...	Madras.
<i>Do. stenostomus</i> ...	Do.	<i>Do. velata</i> ...	Ennore.
<i>Cyathopoma selicinctum</i> ...	Madura.	<i>Pecten flabelliformis</i> ...	Madras.
<i>Cataulus recurvatus</i> ...	Anaimalais.	<i>Do. senatorius</i> ...	Pámban.
<i>Pholas bakeri</i> ...	Madras.	<i>Do. tranquebaricus</i> ...	Madras.
<i>Teredo corniformis</i> ...	Pámban.	<i>Placuna placenta</i> ...	Do.

The following is a list of the "spirit specimens" of fishes which were arranged on the new shelves in the fish gallery:—

ELASMOBRANCHII.		<i>Lutianus fulviflamma</i> ...	Pámban.
A. SELACHOIDEI—SHARKS.		<i>Do. johii</i> ...	Cochin.
Family Carchariidae.		<i>Do. decussatus</i> ...	Pámban.
<i>Carcharias melanopterus</i> ...		<i>Do. sp.</i> ...	Do.
<i>Do. sp.</i> ...		<i>Therapon jarbua</i> ...	Cochin.
Family Scylliidae.		<i>Diagramma crassispinum</i> ...	Pámban.
<i>Stegostoma tigrinum</i> ...		<i>Do. griseus</i> ...	Cochin.
B. BATOIDEI—RAYS.		<i>Lobotes surinamensis</i> ...	Do.
Family Torpedinidae.		<i>Gerres filamentosus</i> ...	Do.
<i>Narcine timlei</i> ...		<i>Do. oyena</i> ...	Quilon.
<i>Do.</i> ...		<i>Do. do.</i> ...	Pámban.
TELEOSTEI.		<i>Scolopsis vosmeri</i> ...	Do.
Family Percidae.		<i>Do. do.</i> ...	Madras.
<i>Lates calcarifer</i> ...		<i>Apogon kalosoma</i> ...	Pámban.
<i>Serranus hexagonatus</i> ...		<i>Do. nigripennis</i> ...	Madras.
<i>Do. lanceolatus</i> ...		<i>Cheilodipterus quinquel-</i>	
<i>Do. salmoides</i> ...		<i>neatus</i> ...	Pámban.
<i>Do. diacanthus</i> ...		Family Squamipimies.	
<i>Lutianus erythropterus</i> ...		<i>Chatodon collaris</i> ...	Pámban.
<i>Do. quinquelineatus</i> ...		<i>Do. auriga</i> ...	Do.
		<i>Do. sp.</i> ...	Do.
		<i>Drepane punctata</i> ...	Quilon

The following eggs of Indian birds, for many of which the Museum is indebted to W. Mahon Daly, Esq., were mounted and placed in the Museum :—

Latin Name.	English Name.	Jerdon Number.	Latin Name.	English Name.	Jerdon Number.
<i>Gyps bengalensis</i> ..	Common white-backed or brown vulture ..	5	<i>Acridotheres tristis</i> ..	Common myna ..	684
<i>Neophron perenopterus</i> ..	White scavenger vulture ..	6	Do. <i>ginginiana</i> ..	Bank myna ..	685
<i>Aquila fulvescens</i> ..	Tawny eagle ..	29	Do. <i>fuscus</i> ..	Brown myna ..	686
<i>Haliastur fulviventer</i> ..	Ring-tailed sea eagle ..	42	<i>Temenuchus pagoda-rum</i> ..	Black-headed myna ..	687
<i>Milvus govinda</i> ..	Common Pariah kite ..	56	<i>Temenuchus malabaricus</i> ..	Grey-headed myna ..	688
<i>Athene brama</i> ..	Spotted owl ..	76	<i>Ploceus baya</i> ..	Common weaver bird ..	694
<i>Hirundo domicola</i> ..	Nilgiri house swallow ..	83	Do. <i>manyan</i> ..	Striated weaver bird ..	695
Do. <i>flifera</i> ..	Wire-tailed swallow ..	84	Do. <i>bengalensis</i> ..	Black-throated weaver bird ..	696
Do. <i>daurica</i> ..	Red-rumped swallow ..	85	<i>Munia malacca</i> ..	Black-headed munia ..	697
<i>Cotyle riparia</i> ..	European sand-martin ..	90	Do. <i>rubronigra</i> ..	Chestnut-bellied munia ..	698
Do. <i>concolor</i> ..	Dusky crag-martin ..	112	<i>Estrela amandava</i> ..	Red wax-bill ..	704
<i>Caprimulgus asiaticus</i> ..	Indian night-jar ..	117	<i>Passer indicus</i> ..	Indian house sparrow ..	706
<i>Merops viridis</i> ..	Indian bee-eater ..	123	<i>Spizalanda deva</i> ..	Small crested lark ..	765
<i>Coracias indica</i> ..	Indian roller ..	129	<i>Alda gulgula</i> ..	Indian sky-lark ..	767
<i>Halcyon fuscus</i> ..	White-breasted king-fisher ..	134	<i>Crocopus phenicopterus</i> ..	Bengal green-pigeon ..	772
<i>Alcedo bengalensis</i> ..	Indian king-fisher ..	136	<i>Columba intermedia</i> ..	Blue rock-pigeon ..	788
<i>Ceryle rudis</i> ..	Pied king-fisher ..	194	<i>Turtur cambayensis</i> ..	Little brown dove ..	794
<i>Megalaima viridis</i> ..	Small green barbet ..	214	Do. <i>suratensis</i> ..	Spotted dove ..	795
<i>Eudynamis orientalis</i> ..	Indian koel ..	217	Do. <i>risoria</i> ..	Common ring dove ..	796
<i>Centropus rubripennis</i> ..	Common coucal ..	232	<i>Pavo cristatus</i> ..	Pea-fowl ..	803
<i>Leptocoma zeylanica</i> ..	A methyst-rumped honey-sucker ..	256	<i>Gallus sonneratii</i> ..	Grey jungle fowl ..	813
<i>Lanius lahtora</i> ..	Indian grey shrike ..	257	<i>Galloperdix spadiceus</i> ..	Red spur-fowl ..	814
Do. <i>erythronotus</i> ..	Rufous-backed shrike ..	260	<i>Francolinus vulgaris</i> ..	Black partridge ..	818
Do. <i>hardwickii</i> ..	Bay-backed shrike ..	265	<i>Caccabis chukor</i> ..	Chukor partridge ..	820
<i>Tephrodornis pondiceriana</i> ..	Common wood shrike ..	272	<i>Ortygornis ponticeriana</i> ..	Grey partridge ..	822
<i>Pericrocotus flammeus</i> ..	Orange minivet ..	278	<i>Pardicula erythrorhyncha</i> ..	Painted bush quail ..	828
<i>Dicrurus macrocerus</i> ..	Common drongo shrike ..	280	<i>Coturnix coromandelica</i> ..	Black-breasted quail ..	830
Do. <i>longicaudatus</i> ..	Long-tailed drongo ..	282	<i>Eupoditis edwardsii</i> ..	Indian bustard ..	836
<i>Chaptalia terna</i> ..	Bronzed drongo ..	353	<i>Sypheotides auritus</i> ..	Lesser florikin ..	839
<i>Oreocetes cinclorhynchus</i> ..	Blue-headed chat-thrush ..	354	<i>Lobivanellus goensis</i> ..	Red-wattled lapwing ..	855
<i>Geocichla cyanotus</i> ..	White-winged ground-thrush ..	360	<i>Sarciphorus bilobus</i> ..	Yellow-wattled lapwing ..	856
<i>Merula similima</i> ..	Nilgiri black-bird ..	385	<i>Hoplopterus ventralis</i> ..	Spur winged lapwing ..	857
<i>Pycnorhynchus sinensis</i> ..	Yellow-eyed babbler ..	397	<i>Grus antigone</i> ..	Sarus crane ..	863
<i>Dumetia hyperythra</i> ..	Rufous-bellied babbler ..	398	<i>Rhynchaea bengalensis</i> ..	Painted snipe ..	873
Do. <i>albogularis</i> ..	White-throated wren-babbler ..	423	<i>Metopidius indicus</i> ..	Bronze-winged jacana ..	900
<i>Trochalopteron cachinnans</i> ..	Nilgiri laughing thrush ..	433	<i>Hydrophasianus chirurgus</i> ..	Pheasant-tailed jacana ..	901
<i>Malaccocercus griseus</i> ..	White-headed babbler ..	434	<i>Porphyrio poliocephalus</i> ..	Purple coot ..	902
Do. <i>malabaricus</i> ..	Jungle babbler ..	436	<i>Fulica atra</i> ..	Bald coot ..	903
Do. <i>malcolmi</i> ..	Large grey babbler ..	460	<i>Gallinix cristatus</i> ..	Water cock ..	904
<i>Otocornis jocosus</i> ..	Red-whiskered bulbul ..	461	<i>Gallinula burnesii</i> ..	Small water hen ..	906
<i>Pycnonotus pygmaeus</i> ..	Common Bengal bulbul ..	462	<i>Herodias alba</i> ..	Large egret ..	925
Do. <i>haemorrhous</i> ..	Madras bulbul ..	467	Do. <i>egrettoides</i> ..	Smaller egret ..	926
<i>Iora zeylanica</i> ..	Black-headed green bulbul ..	475	<i>Buphus coromandus</i> ..	The cattle egret ..	929
<i>Copsychus saularis</i> ..	Maggie robin ..	482	<i>Ardea leucophaea</i> ..	The pond heron ..	930
<i>Pratincola atrata</i> ..	Nilgiri black robin ..	494	<i>Tantalus leucocephalus</i> ..	Pelican ibis ..	938
<i>Cercomela fusca</i> ..	Brown rock chat ..	530	<i>Platalea leucorodia</i> ..	Spoonbill ..	939
<i>Orthotomus longicauda</i> ..	Indian tailor-bird ..	534	<i>Anastomus oscitans</i> ..	Shell ibis ..	940
<i>Prinia socialis</i> ..	Dark ashy wren warbler ..	543	<i>Threskiornis melanocephalus</i> ..	White ibis ..	941
<i>Dryomys inornatus</i> ..	Common wren warbler ..	631	<i>Pediceps philippensis</i> ..	Little grebe ..	975
<i>Zosterops palpebrosus</i> ..	White-eyed tit ..	645	<i>Sylochelidon caspius</i> ..	Largest tern ..	982
<i>Parus cinereus</i> ..	Indian grey tit ..	660	<i>Gelechelidon anglicus</i> ..	Gull-billed tern ..	983
<i>Corvus culminatus</i> ..	Indian corby ..	663	<i>Hydrochelidon indica</i> ..	Small marsh tern ..	984
Do. <i>splendens</i> ..	Common Indian crow ..	674	<i>Sterna socna</i> ..	Large river tern ..	985
<i>Dendroitta rufa</i> ..	Common Indian magpie ..	674	<i>Sterna minuta</i> ..	Little tern ..	988
			<i>Thalasseus cristatus</i> ..	Large sea tern ..	989
			<i>Graculus carbo</i> ..	Large cormorant ..	1005
			Do. <i>sinensis</i> ..	Lesser cormorant ..	1006
			<i>Plotus melanogaster</i> ..	Indian snake-bird ..	1008

The Museum is indebted to the President of the Municipality for the carcasses of many animals which died during the year in the People's Park.

The following mammalia were stuffed or preserved in alcohol :—

<i>Macacus radiatus</i> ...	Madras monkey.
<i>Portax pictus</i> ...	Nilgai.
<i>Rusa aristotelis</i> ...	Sambar.

* <i>Manis pentadactyla</i> ...	Indian scaly ant-eater.
* <i>Tupaia ellioti</i> † ...	Madras tree-shrew.
<i>Pteropus edwardsi</i> ...	Large fox-bat.
* <i>Embryo do.</i> ...	Do.
* <i>Cynopterus marginatus</i> ...	Small fox-bat.
* <i>Rhinopoma hardwickii</i> ...	Long-tailed leaf-bat.
<i>Felis tigris</i> , young ...	Tiger cub.
Do. <i>melas</i> ...	Black panther.
Do. <i>viverrina</i> ...	Large tiger cat.
<i>Herpestes griseus</i> ...	Madras mongoose.

The following skeletons and osteological specimens were prepared :—

1. Skeletons—Mammalia.	
<i>Canis familiaris</i> ...	The Pariah dog.
Do. <i>pallipes</i> ...	Indian wolf.
<i>Felis leo</i> ...	Lioness.
Do. <i>tigris</i> ...	Tiger.
Do. <i>pardus</i> ...	Pard.
<i>Paradoxurus musanga</i> ...	Common tree cat.
<i>Equus caballus</i> ...	Horse.
<i>Sus indicus</i> ...	Common pig.
<i>Rusa aristotelis</i> ...	Sambar.
<i>Ovis aries</i> ...	Domestic sheep.
<i>Bos indicus</i> ...	Domestic bull.
<i>Manis pentadactyla</i> ...	Scaly ant-eater.
<i>Pteropus edwardsi</i> ...	Large fox-bat.

2. Osteology—Mammalia.	
Skull of <i>Rusa aristotelis</i> ...	Sambar.
Do. <i>Antelope bezoartica</i> ...	Indian antelope.
Do. <i>Bos indicus</i> ...	Domestic bull.
Do. <i>Macacus radiatus</i> ...	Madras monkey.

3. Skeletons—Birds.	
<i>Neophron perenopterus</i> ...	White scavenger vulture.
<i>Haliastur leucogaster</i> ...	Grey-backed sea eagle.

4. Osteology—Birds.	
Skull of <i>Corvus culminatus</i> ...	Indian corby.
Do. <i>do. splendens</i> ...	Common Indian crow.
Do. <i>Terekia cinerea</i> ...	Avoset sandpiper.
Do. <i>Phenicopterus roseus</i> ...	Flamingo.

5. Skeleton—Reptilia.	
<i>Chelonia virgata</i> ...	Edible turtle.

6. Osteology—Reptilia.	
Skull of <i>Python molurus</i> ...	Rock snake.

13. NUMISMATICS.—The Museum is indebted to the Asiatic Society of Bengal and the Bombay Branch Royal Asiatic Society for the donation of numerous gold, silver, and copper coins, and, among others, to His Highness Krishna Raja of Calicut for the donation of a half mohur of Tippoo Sultan. A catalogue of the coinage of Mysore was in the press at the end of the year, many of the coins described in which were obtained by me at Bangalore, Mysore and Seringapatam. In addition to the coins of Mysore, the following series were arranged: Parthian, Greek and Indo-Scythic, Indo-Portuguese, Ceylon, Pondicherry, and the coins of the Patan Sultans of Delhi. In the arrangement of these coins, valuable assistance was given by Captain R. H. C. Tufnell.

14. RAW PRODUCTS.—The commencement was made out of a sum of Rs. 300 granted for the purpose of a collection of raw products, limited to the Madras Presidency. These it is my proposal to arrange systematically in a room leading out of the main hall, together with a series of sections of forest woods, some of which have been already presented to the Museum by J. S. Gamble, Esq., Conservator of Forests.

During the year the following raw products were collected by the Herbarium-keeper :—

Vegetable drugs.	Dried fruits and seeds.
Mineral drugs.	Spices and condiments.
Animal drugs.	Starches.
Medicinal oils.	Oils and oil-seeds.
Intoxicating drugs.	Dyes.
Pulses.	Tans.
Grains.	Mordants.

* Signifies that the animal was preserved in alcohol.
† Obtained on the Shevaroya.

15. TAXIDERMIC DEPARTMENT.—The following is a summary of the work done:—

Birds stuffed	...	70	Insecta collected	...	651
Mammalia stuffed	...	9	Crustacea collected	...	65
Reptilia stuffed	...	4	Mollusca shells collected	...	28
Fishes stuffed	...	34	Skeletons prepared	...	17
Fishes preserved in alcohol	140		Skulls prepared	...	9

The head and third taxidermists accompanied me on my tour to Ramesvaram Island.

16. TOURS.—During the year two tours were made—(1) to Ramesvaram Island, of which a preliminary report was in the press at the end of the year, containing a list of the specimens obtained which had been identified. Many of the specimens collected on that occasion were sent to Europe for identification, which was impossible in the absence of specimens for comparison; (2) I accompanied the Master Attendant and the Secretary to Government, Public Works Department, on their annual inspection of light-houses, and had an opportunity of seeing the nature of the coast line from Mangalore to Gopalpur and of forming an opinion as to which parts of the coast will be most profitably explored on the occasion of future tours.

GOVERNMENT CENTRAL MUSEUM, (Signed) EDGAR THURSTON,
EGMORE, Superintendent, Government Central Museum.
9th July 1887.

APPENDICES.

A.

GENERAL LIST OF THE CONTRIBUTIONS, &c., RECEIVED FOR THE GOVERNMENT CENTRAL MUSEUM FROM 1ST APRIL 1886 TO 31ST MARCH 1887.

	NO.
Agri-Horticultural Gardens, Superintendent of—	
Casuarina pole bored by carpenter bee (<i>Xylocopa</i> sp.)	1
Fruit of <i>Crescentia caju</i>	1
Anderson, Captain—	
Horned owls (<i>Urrua bengalensis</i>)	3
Antonio, Mr. C. J. J., Pudupet—	
Breccia from the foot of the Whitefield Kaolin (?) Knoll	Lot
Whitefield feldspars and Kaolin	"
Rock crystals and quartz from Whitefield	"
Quartz detritus of the Whitefield Kaolin as washed off at the works	"
Hæmatite	1
Copper coins	11
Atkinson, E., Esq., Accountant-General, Calcutta—	
Butterflies, moths, &c., from Sikkim Himalayas	390
Baker, Miss, Peermad—	
Cicada	1
Stick insect (<i>Bacillus</i> sp.)	1
Bauliah Naidoo Garu, B., M.R.Ry., Head Translator, High Court—	
Figures illustrating native female costume	2
Benson, C., Esq., Assistant Director of Agriculture—	
Larvæ of <i>Colæoptera</i> , sp?	Collection.
Bidie, Surgeon-General G., M.B., C.I.E.—	
Specimen of magnesite	1
Bisset, A., Esq.—	
Scotch terrier	1
Bliss, H. W., Esq., Commissioner of Salt and Abkari Revenue—	
Crystallized sulphate of calcium (plaster of Paris) from Kharagora in the	
Runn of Kutch	1
Brockman, Dr. Drake—	
Moth (<i>Antheraea mylitta</i>)	1
Campbell, Madam, G.—	
Sphinx moth sp.	1
Carr, J., Esq., Solicitor, Egmore—	
Rock specimens	3
Carter, H. R. P., Esq., Chetput—	
Head and skin of a wolf (<i>Canis pallipes</i>)	1
Bats from Sholingur	3
Hedge hog (<i>Ermacous micropus</i>)	1
Mouse from Erode (<i>Mus</i> sp.)	1
Shrew mouse (<i>Sorex</i> sp.)	1
Snakes	4
Larva of a butterfly	1
Moth	1
Queen white-ants (<i>Termites</i>)	3
Mygale sp.	2

	NO.
Chief Engineer, Public Works Department, Madras—	
Mass of vegetable mould excavated near the backwater leading to Cove- long bar	1
Coimbatore, Collector of—	
Impressions on paper of seals from Kollegal and Erode taluks	4
A copy of a copper grant	1
Colquhoun, Adam B., Esq.—	
Fish (<i>Julis lunaris</i>)	1
Cox, Colonel H. W. H.—	
Fruits (<i>Hura crepitans</i>)	3
Dale, Mr. J., Poonamallee—	
Copper coin	1
Daly, William Mahon, Esq., Yercaud, Shevaroy—	
Tree shrew (<i>Tupaia ellioti</i>)	1
Spider (<i>Mygale</i> sp.)	1
Cicada	2
Birds' eggs	76
Fungus (<i>Sclerotium stipitatum</i>) from white-ants' nest	1
Damodarum, R., Naidoo, M.R.Ry.—	
Snake (<i>Tropidonotus stolatus</i>)	1
Fish (<i>Stegostoma tigrinum</i>)	1
Wasp (<i>Vespa vulgaris</i>)	1
Director, Geological Survey of India, Calcutta—	
Specimen of Nainianthal Meteorite	1
Empson, Major R. A., Gunpowder Factory, Madras—	
Moths (<i>Actias selene</i>)	2
Fairlie, F., Esq.—	
Ceylon Lepidoptera	Species 17
Fiddian, J. P., Esq., Chingleput—	
Beetle (<i>Cerambyx</i> sp.)	1
Foote, R. B., Esq., F.C.S., Geological Survey of India—	
Crustacea, shells, corals, sponges, &c.	30
Shells	Lot
Rock specimen	1
Gale, C. E., Esq.—	
Skin of <i>Crocodylus</i> sp.	1
Gamble, J. S., Esq., Conservator of Forests, Northern Circle—	
Wood specimens	134
Bats	2
Snake	1
Ganjam, Collector of—	
Impressions of seals	5
Garstin, J. H., Esq.—	
Red spur-fowl (<i>Gallus spadiceus</i>)	1
Orange minivet (<i>Pericrocotus flammeus</i>)	1
Eggs of Lorry (<i>Eclectus</i> sp.)	2
Silver coin	1
Copper coins	8
Gleeson, J. M., Esq.—	
Land Planarian (<i>Bipalium univittatum</i>)	1
Gompertz, H., Esq., Yercaud—	
Stone hammer and celt from Shevaroy	2
Governor in Council, His Excellency the—being returned exhibits from the Indo- Colonial Exhibition—	
Musical instruments	17
Gold and silver jewelry, special collection from Madura	9
Do. general collection	146
Toda, Badaga and Kota jewelry	16
South Canara jewelry	2
Ornaments in the baser metals	30
Do. in brass, copper and alloys	76
Sacrificial utensils	17
Articles in mixed metals	9
Lacquered ware	4
Lapidaries work	1
Cotton fabrics	50
Wool fabrics	3
Silk fabrics	55
Hand-printed fabrics	52
Saddlery	1

	NO.
Governor, The Right Honorable the—	
Earthenware pot with cover found in the ruins of Yellamah's temple, Penukonda, Anantapur District	1) 2
Tail of Rayfish (<i>Trygon</i> sp.) cut and ornamented with a silver handle	1)
Hackett, Dr. A. L., Kilpauk—	
Snake (<i>Lycodon aulicus</i>)	1
Hasted, Colonel R. E.—	
Eggs of Pond Tortoise (<i>Emys trijuga</i>)	Lot.
Havell, E. B., Esq., Superintendent, School of Arts, Madras—	
Ant-eater (<i>Manis pentadactyla</i>)	1)
Fish (<i>Stegostoma fasciatum</i>)	1) 3
Leaf insect (<i>Phyllium</i>)	1)
Havelock, Mrs. Ann L., Bangalore—	
Bark used for writing on in Cashmere—	1
Hawkes, Colonel H. P.—	
Bangles worn by hill tribes, &c.	10
Henderson, Dr., Egmore—	
Ant-eater (<i>Manis pentadactyla</i>)	1
Honorary Secretary, Bombay Branch of the Royal Asiatic Society—	
Gold coins	3)
Silver coins	11) 14
Honorary Secretary (Philological) Asiatic Society of Bengal and Calcutta—	
Gold coins	25)
Silver coins	63) 97
Copper coins	8)
Coin made of mixed metal	1)
Hunt, Colonel—	
Fish (<i>Scatophagus argus</i>)	1
Iya Pillay, Eleazer John, Mr.—	
Silver coin	1)
Copper coins	8) 9
Jackson, G., Esq.—	
Hornet's nest (<i>Vespa</i> sp.)	1
Johnson, W. E., Esq.—	
Fish (<i>Megalops cyprinoides</i>)	1)
Crustacean (<i>Macrobrachium longidigitum</i>)	1) 2
Jones, J. A., Esq., Vice-President, Municipal Commission, Madras—	
Grass-hopper (<i>Truxalis</i> sp.)	1
King, A., Esq., Vepery—	
Copper coins	8
King, Dr. G., Superintendent, Royal Botanic Gardens, Seebpore near Calcutta—	
Dried specimens of <i>Ficus</i> plants	98
Kistna, Acting Collector of—	
Locusts (<i>Edipoda</i> sp.)	Collection.
Kotilingam, Mr. J. P.—	
Shells (<i>Lepas anserifera</i>) attached to a piece of wood	5
Krishnan Rajah, H. H., Calicut—	
Half mohur of Tipu Sultan	1
Lee, Mr. J. P., Egmore—	
Birds	4
Logan, John, Esq., Coorg—	
Lac insect (<i>Coccus lacca</i>)	1
Madura, Collector of—	
Locusts (<i>Edipoda</i> sp.)	Collection.
Maitland, Dr. J.—	
Fish (<i>Notopterus kapirat</i>)	1)
Australian sea-weeds, &c.	Lot } 2
McNally, Dr. C. J.—	
Weaver Bird's nest (<i>Ploceus baya</i>)	1
Mitchell, J. M., Esq.—	
Wood and bark of <i>Acacia leucophlea</i>	1)
A bottle of spirit prepared from the above	1)
Apparatus (earthen and copper) used in distilling the above	2) 12
Rock specimens	7)
Chrysalis of a moth	1)
Morgan, R., Esq., Forest-officer, Malabar—	
Specimens of Kaolin and iron sand stones from the Palghat hills	Lot.
Mysore Government Museum—	
Photograph of sculptures	1

	NO.
Nellore, Collector of—	
Locusts (<i>Edipoda</i>)	Collection } 2
Grass-hoppers (<i>Truxalis</i>)	Collection }
Natesa Sastri, Pandit, Bangalore—	
Cabul coin	1
Peters, C. J., Esq., Kurnool—	
Monster chicken	1
Phipps, C. E., Esq., Perambore—	
Leaf insect (<i>Phyllium siccifolium</i>)	2
Pogson, N. R., Esq.—	
Mantis	1
Prentice, Mr. J.—	
Eggs	Collection.
President, Municipal Commission, Madras—	
Monkey (<i>Macacus radiatus</i>)	1
Lioness (<i>Felis leo</i>)	1
Tigress (<i>Felis tigris</i>)	1
Tiger cubs (<i>Felis tigris</i>)	3
Leopard (<i>Felis pardus</i>)	1
Black panther (<i>Felis melas</i>)	1
Tiger cat (<i>Felis bengalensis</i>)	1
Wolf (<i>Canis pallipes</i>)	1
Sambur (<i>Rusa aristotelis</i>)	3
Nilgai (<i>Portax pictus</i>)	1
Squirrel (<i>Sciurus malabaricus</i>)	1
Scaly ant-eater (<i>Manis pentadactyla</i>)	1
Kangaroo (<i>Macropus</i> sp.)	1
Vulture (<i>Pseudogyps bengalensis</i>)	1
Eagle (<i>Haliastur leucogaster</i>)	1
Jungle fowl (<i>Gallus sonneratii</i>)	1
Guinea fowl (<i>Numidia meleagris</i>)	1
Lizard (<i>Hydrosaurus stellaris</i>)	1
Python (<i>Python molurus</i>)	1
Ratton, Dr. J. L., Egmore—	
Mantis	1
Rea, A., Esq., First Assistant, Archaeological Survey, Madras—	
Sculptures from Vizianagram	28
Ancient stone images from Erukampett, North Arcot District	2
Portions of ancient coffins and pots contained in them from Pallaveram	31
Robinson, W. R., Esq., Egmore—	
Bird (<i>Buteo vulgaris</i>)	1
Salem, Collector of—	
Locust (<i>Acridium peregrinum</i>)	1
Sartin, Dr.—	
Carcass of horse	1
Shortt, J., Retired Deputy Surgeon-General—	
Antelope (<i>Antelope bezoartica</i>)	1
Porcupine (young) (<i>Hystrix leucura</i>)	1
Birds	4
Reptiles	41
Crab	1
Insects	14
Eggs	12
Fruits (<i>Auracaria excelsa</i>)	2
South Arcot, Assistant Collector in charge of the Treasury—	
Images	4
South Canara, Collector of—	
Gold coins	2
Steavenson, J., Esq., Marble Hall—	
Piece of Pumice stone with shell-fish attached	1
Stephens, J., Esq.—	
Black scorpion (<i>Buthus</i> sp.)	1
Streenivasa, Mr. B., Vepery—	
Eggs of Pond Tortoise (<i>Emys trijuga</i>)	2
Thomas, H. S., Esq.—	
Fish (<i>Diodon hystrix</i>)	1
Mollusca	1
Therawgood, F. N., Esq., Nungumbaukam—	
Silk moths (<i>Antheraea mylitta</i>)	2
Cerals (<i>Porites</i>) from Madras Harbour	3

	NO.
Tomlinson, A., Esq., Saint Thomas' Mount—	
Cocoons of <i>Antheraea mylitta</i>	2
Travelling Auditor, South Indian Railway—	
Leaf insect (<i>Phyllium</i>)	1
Trichinopoly, Collector of—	
Locusts (<i>Acridium</i>)	Collection } 6
Impressions of seals	
Copies of impressions from copper Sasanam... ..	
Tufnell, Captain R. H. C.—	
Silver coins in exchange... ..	2
Copper coins do.	7
Wailly, Monsr. A.—	
Butterflies and moths	73
Cocoons of <i>Attacus cynthia</i> and <i>Antheraea pernyi</i>	44
White, Mr. W. A. F., Parseewalkum—	
Eggs of white scavenger vulture (<i>Neophron percnopterus</i>)	2
Whiteside, W. S., Esq.—	
Moth (<i>Sphinx butus</i>)	1
Wilkins, Mr. H., Vepery—	
Horn spoon found in New Zealand	1
Iron bracelets do.	2
Woolridge, H. L., Esq., Villupuram, South Arcot District—	
Clear winged moth (<i>Ageria</i>)	1

B.

VISITORS to the Government Central Museum from 1st April 1886 to 31st March 1887.

1886-87.	SIGNATURES MADE IN											
	English.	Telugu.	Hindustani.	Tamil.	Mahratta.	Naguree.	Guzaratee.	Canarese.	Chinese.	Singalese.	Malayalam.	Bengalee.
1	2	3	4	5	6	7	8	9	10	11	12	13
April	2,011	330	190	1,219	6	7	6	6	..	..	19	4
May	2,138	470	198	1,546	12	11	15	51	..	..	14	..
June	2,931	468	155	1,999	5	10	19	18	..	..	11	..
July	2,471	484	291	1,979	12	6	33	27	..	..	32	..
August	1,916	430	245	1,417	3	..	42	22	..	..	42	..
September	1,890	490	328	2,037	6	3	21	44	..	..	29	..
October	1,010	400	175	1,714	18	8	19	10	..	..	38	..
November	2,010	463	196	1,517	7	7	19	22	..	..	30	..
December	3,819	602	214	1,852	4	10	26	42	..	2	68	3
January	3,023	600	286	2,371	6	11	18	72	..	3	90	..
February	1,977	360	114	987	22	6	21	8	..	..	35	..
March	2,230	276	143	1,128	16	11	21	15	..	..	32	..
Total	28,326	5,373	2,535	19,766	117	90	260	337	..	5	440	7

1886-87.	Total of signatures.	Unable to sign, but tally kept.	Total of visitors.	NUMBER OF		Total of visitors.
				Men and boys.	Women and girls.	
	14	15	16	17	18	19
April	3,798	12,035	15,833	9,688	6,145	15,833
May	4,455	14,456	18,911	11,639	7,272	18,911
June	5,616	16,200	21,816	13,474	8,342	21,816
July	5,335	16,989	22,324	13,691	8,633	22,324
August	4,117	12,447	16,564	10,244	6,320	16,564
September	4,348	15,112	19,960	12,607	7,353	19,960
October	4,292	11,076	15,368	9,740	5,628	15,368
November	4,271	11,250	15,521	10,053	5,468	15,521
December	6,642	19,606	26,248	16,490	9,758	26,248
January	6,480	28,297	34,777	20,828	13,949	34,777
February	3,530	7,868	11,398	7,360	4,038	11,398
March	3,872	10,436	14,308	8,883	5,425	14,308
Total	57,256	175,772	233,028	144,697	88,331	233,028

C.

STATEMENT showing the number of Visitors to the Government Central Museum for the past five years.

1882-83	271,881
1883-84	242,514
1884-85	272,968
1885-86	311,462
1886-87	233,028

D-1.

LIST OF BOOKS ADDED TO THE PUBLIC LIBRARY.

1.—By Purchase (Standard Works).

	Volumes.
Atkinson, W. S.—New Indian Lepidopterous Insects, Part 1	1
Badger, G. P.—English-Arabic Lexicon	1
Balfour, F. M.—Comparative Embryology	2
Bentley, R.—Structural and Physiological Botany	1
Bentley, R.—Systematic Botany	1
Bible Myths and their Parallels in other Religions	1
Buckland, Franck—Life of, by G. C. Bompas	1
Burmese Cadian Manuscript Book	1
Christy, T.—New Commercial Plants and Drugs, Parts 7 and 8	2
Church, A. H.—Food-grains of India	1
Curtis's Botanical Magazine, Volumes 38 to 42	5
Darwin, C.—Power of movement in Plants	1
Darwin, C.—Naturalists' Voyage round the World	1
Darwin, C.—Movements and Habits of Climbing Plants	1
Darwin, C.—Expression of the Emotions in Man and Animals	1
Darwin, C.—Descent of Man	1
Edwards, John—Botanical Register by John Lindley, Ph. D., F.R.S., &c., New Series	10
Ehrenberg—Beitrage Corallenthiere des rothen Meeres Von— <i>vm</i> Ehrenberg	1
Encyclopædia Britannica, Volumes 18, 19, 20 and 21	4
Esper Die Pflanzenthiere	4
Fergusson, James—Archæology in India	1
Forbes, H. O.—A. Naturalist's Wanderings in the Eastern Archipelago	1
Geikie, A.—Class Book of Geology	1
Hervey, Rev. A. B.—Guide for the Microscopical Investigation of Vegetable Substances	1
Hewitt, John—Ancient Armour and Weapons in Europe	3
Higgins, H. H.—Arrangement of Invertebrate Animals in the Museum of Liverpool	1
Higgins, Rev. H. H.—Museum Talk about Animals which have no bones (Pamphlet)	1
Higgins, Rev. H. H.—Museums of Natural History	1
Hooker, J. D. and T. Thompson—Flora Indica	1
Hornaday, W. T.—Two Years in the Jungle	1
James, William—English and German Dictionary	1
Klein, E.—Micro-organisms and Disease	1
Klunzinger, Dr. C. B.—Korallenthiere des Rothen Meeres, Parts 1, 2 and 3	3
Life of Sheikh Mohammed Ali Hazin, edited from Two Persian Manuscripts by F. C. Belfour	1
Lubbock, Sir John—Ants, Bees and Wasps	1
Major, R. H.—Discoveries of Prince Henry the Navigator	1
Man, E. H.—Aboriginal Inhabitants of the Andaman Islands	1
Mirkhond.—The History of the Atabeks of Syria and Persia by W. H. Morley, Esq.	1
Mueller, B. F. V.—Descriptive Atlas of the Eucalypts of Australia, Parts 9 and 10	2
Nicholson, H. A.—Manual of Palæontology for the use of Students	2
Nordenskiöld, A. E.—Voyage of the Vega round Asia and Europe	3
Numismata Orientalia, Volume 3, Part 2	1
Pallas Elenchus zoophytorum	1
Philosophical Transactions of the Royal Society of London, Volume 149, Part 2	1
Pillar of the Creed of the Sunnites by Rev. W. Cureton, M.A., &c.	1
Poole, S. L.—Catalogue of the Collection of Oriental Coins belonging to Colonel C. S. Guthrie	1
Prinsep, C.—Record of Services of the Honorable East India Company's Civil Servants.	1
Riebeck, Emil.—The Chittagong Hill Tribes, folio	1
Siebold Fauna Japonica (Crustacea) folio	1
Siebold Fauna Japonica (Aves) folio	1
Smollett, T.—History of England	5

	Volumes.
Sterndale, R. A.—Mammalia of India and Ceylon	1
Thornton, E.—Gazetteer of Sind, Afghanistan, Beluchistan and the Punjab	1
Williams, B. S.—The Orchid Grower's Manual	1
Year Book of Australia for 1885	1

D-2.

Periodicals.

American Naturalist, Nos. 1 to 12 for 1886.
 Annual Register for 1885.
 Asylum Press Almanac for 1887.
 Illustrated London News, Vols. 89-90 for 1886-87.
 Journal of the Royal Asiatic Society of Great Britain and Ireland, Parts 1 to 4 for 1886.
 London Times, Weekly Edition, Nos. 482 to 535 for 1886-87.

D-3.

By Gift (Standard Works).

	Volumes.
Archæological Survey of Western India, List of the Antiquarian Remains in the Bombay Presidency by Jas. Burgess, C.I.E., LL.D., &c., No. 2.	1
Bayley, Sir E. C.—History of Gujarat, the Local Muhammadan Dynasties	1
Bühler, Dr. G.—Inscriptions from Nepal	1
Carlisle, A. C. L.—Archæological Survey of India, Volumes 21 and 22	2
Catalogue of the Siwalik Vertebrata of the Indian Museum, Calcutta, Part II	1
Catalogue of the Pleistocene and Pre-Historic Vertebrata of the Indian Museum by R. Lydekker, B.A., &c., Pamphlet	1
Catalogue of the Siwalik Vertebrata of the Indian Mammalia, Part 1, by R. Lydekker, B.A., F.G.S., &c.	1
Catalogue of the Birds in the Provincial Museum, North-West Provinces and Oudh, Lucknow, 1886	1
Catalogue of Sanskrit Manuscripts in the North-West Provinces, Part 10	1
Catalogue of Sanskrit Manuscripts in Oudh, 1885	1
Challenger—Report on the Scientific Results of the Exploring Voyage of the—Volumes 14, 15 and 16	3
Facsimile of an Inscription in St. Rita's Chapel, Mylapore, 1 roll	1
Hawkes, H. P., Colonel—Photographs of Madras Artware	1
Hunter, W. W.—Imperial Gazetteer of India	8
Jeyapore Enamels by Lt.-Colonel S. S. Jacob, R.E.	1
Lepidoptera of Ceylon by F. Moore, Parts 11 and 12	2
Marshall's Butterflies of India, Burmah and Ceylon, Volumes 1 and 2	2
Memorandum on the Corrosion of the Lead Linings of Indian Tea Chests by Alexander Pedler, Esq.	1
Murray, J. A.—The Reptiles of Sindh, a Systematic Account of the—	1
Monograph on Woollen Manufactures of the Punjab for 1884-85	1
Notices of Sanskrit Manuscripts by Rajendralala Mitra, Nos. 20, 21 for 1884-85, 1885-86	2
Official Report of the Calcutta International Exhibition, 1883-84	2
Pahlavi, Gujarati and English Dictionary, Volume 4th	1
Pope, Rev. G. U.—The Sacred Kurral of Tiruvalluva Nayanar	1
Proceedings of a Conference on Silk held in the Office of the Revenue and Agricultural Department of the Government of India at Calcutta	1
Samudrika or a Treatise on the Hindu Sciences of Palmistry and Physiognomy by C. Devaraja Pillai	1
Seshagiri Sastri, M.—Notes on Aryan and Dravidian Philology, Volume 1st	1
Skeleton Map of India	1
Smithsonian Institution Report for 1883 and 1884	3
Some new Species of Ficus from New Guinea by G. King, M.B., Pamphlet	1
Species of Ficus of the Indo-Malayan and Chinese Countries, Part I Palaeomorphe and Urostigma by G. King, M.B., &c.	1
Statistical Atlas of India, prepared for the Colonial and Indian Exhibition, 1886, folio	1
The Fertilization of Ficus hispida, a problem in Vegetable Physiology by G. King, M.B., &c., Pamphlet	1
Townsend, Captain—On the Physical Geography of the part of the Atlantic which lies between 20° N. 10° S. and extends from 10° to 40° W.	1
Vijayanagar, the Ruins of the City of	1
Wallich's Tentamen Floræ Nepalensis	1
Watt, George—A Guide to the Economic and Commercial Court, Calcutta Exhibition.	1
Yule, Colonel H. and A. C. Burnell—Hobson-Jobson, or Glossary of Anglo-Indian Words	1

D-4.

Periodicals (By Gift).

Avifauna of British India and its Dependencies by James Murray, Vol. 1, Part 1.
 Bulletin of the Brookville Society of Natural History, No. 2.
 Fort St. George Gazette, Nos. 14 to 51 for 1886; Nos. 1 to 12 for 1887.
 Gazette of India, Nos. 14 to 50 for 1886; Nos. 1 to 12 for 1887.
 Index to the Transactions of the Literary Society of Bombay, Volumes 1—3 and Journals of the Bombay Branch, Royal Asiatic Society, Volumes 1—17.
 Indian Antiquary by J. Burgess, Volume 15 for 1886.
 Journal of the Asiatic Society of Bengal, Part 1, Nos. 1 to 3 for 1886; Part 2, Nos. 1 to 4 for 1886.
 Journal of the Bombay Branch of the Royal Asiatic Society.
 Journal of Indian Art, Nos. 10 to 16.
 Madras Journal of Education, January 1887, with supplement.
 Memoirs of the Geological Survey of India (Palæontologia Indica), Vol. 3, S. 10; Vol. 4, S. 10; Vol. 1, S. 14; Vol. 4, S. 12; S. 13-1-6.
 Oesterreichische Monatsschrift für den Orient, Nos. 1 to 3 and 5 to 12 for 1886.
 Proceedings of the Asiatic Society of Bengal, No. 10 for 1885; Nos. 1 to 10 for 1886.
 Proceedings of the Davenport Academy of Natural Sciences, Vol. 4th.
 Quarterly Journal of Veterinary Science in India, Nos. 14 to 16 for 1885-86.
 Records of the Geological Survey of India, Parts 1 to 4 for 1886.
 Statement of Imports and Exports, March to December 1886 and January and February 1887.
 The Pandit.—A monthly publication devoted to Sanskrit Literature, Nos. 1 to 12 for 1886.

D-5.

Reports.

	Copies.
A Manual of the Administration of the Madras Presidency, Preliminary Articles	1
Administration Report of the Bombay Jails for 1885	1
Administration Report of the Jails of Bengal for 1885	1
Administration Report of the Meteorological Reporter to the Government of Madras for 1885-86	1
Administration Report of the Public Works Department (General, Buildings and Roads Branch), Madras Presidency, for 1883-84, 1884-85	2
Administration Report of the Public Works Department, Irrigation Branch, in Madras Presidency, for 1880-81, 1881-82, 1883-84, 1884-85	4
Annual Report on the Foreign Trade of the North-Western Provinces and Oudh for 1886	2
Annual Report with Tabular Statements of the Condition and Management of the Jails in the North-Western Provinces for 1885, by R. T. Hobart, Esq., C.S.	1
Annual Report of the Madras Court of Small Causes for 1885	1
Annual Report on the Jails of the Hyderabad Assigned Districts for the year 1885	1
Annual Administration Report of the Forest Department, Madras Presidency, for 1881-82, 1882-83, 1883-84, 1884-85	4
Annual Report on the Government Cinchona Plantation in Bengal for 1885-86	2
Annual Report on the Government Experimental Farm, Hyderabad, Sind, for 1886	2
Annual Report of the Khandesh Experimental Farm for 1886	2
Annual Report on the Royal Botanic Garden for 1885-86	2
Annual Report on the Administration of the Land Revenue in Assam for 1885-86	2
Annual Report on the Administration of the Prisons in the Province of Coorg for 1885 by J. B. Lyall, Esq.	1
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Annual Report on the Civil Hospitals and Dispensaries in the Madras Presidency for 1885	1
Annual Report of the Madras Medical College for 1884-85 and 1885-86	2
Annual Volume of the Sea-borne Trade and Navigation of the Madras Presidency for 1885-86	2
Annual Report of the Experiments in Agriculture, British Burma, by R. Romanis, 1886	1
Annual Report on the Working of the Botanical Gardens, Poona, for 1884-85	1
Australian Museum, New South Wales, Report of—for 1885	1
Civil Justice Report of Lower Burma for 1885	1
Civil Statement of the North-Western Provinces for 1885	1
Civil Account Code, Vol 1, Part I, Fourth Edition	1
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Coorg Inscriptions by Lewis Rice, C.I.E., 1885	1

	Copies.
Criminal Justice Report of Lower Burma for 1885	1
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Crop Experiments, Bombay Presidency, for 1884-85	2
Department of Agriculture, Central Provinces, Returns of Railway-borne Traffic for March, June and September 1886	3
Erode Agricultural Exhibition, 1887, Regulations of the—	1
Excise Administration Report for Fashi 1286 to 1289, and 1882 to 1884	7
First Annual Report of the Director of the Agricultural Department, Bengal, for 1886	2
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Indian Meteorological Memoirs by H. F. Blanford, F.R.S., Vol. 3, Part 1; Vol. 4, Part 1.	2
Indian Museum, Annual Report for 1885-86	2
Madras Land Revenue Reports for Fashi 1293 (1883-84)	1
Madras Public Works Department Forms, 1882	2
Meteorological Observations recorded at six stations in India for 1884-85 and 1886	3
Note by the Chief Engineer for Irrigation on the detailed accounts of irrigation of all works for which neither Capital nor Revenue Accounts are kept for 1882-83	1
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Report on the Administration of the Presidency of Fort St. George for 1884-85	1
Report on the Cawnpore Experimental Station for 1885 and 1885-86	4
Report on the Administration of the Registration Department in the Madras Presidency for 1879-80, 1880-81, 1882-83, 1883-84, 1884-85...	5
Report on the Progress and Condition of the Government Botanical Gardens at Saharanpur and Mussoorie for 1886...	3
Report on the Revenue Administration of Lower Burma for the Year 1885-86	3
Report on the Horticultural Gardens, Lucknow, for 1886	2
Report on Arboriculture in the Hyderabad Assigned Districts for 1885-86	2
Report on the Meteorology of India for 1884 by H. F. Blanford	1
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Report on the Administration of Civil Justice in the Punjab and its Dependencies for 1885	1
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Reference to Madras Public Works Department Code, Security Bond, Paragraphs 949 and 950	1
Review Minute by His Excellency the Right Honorable the Governor	3
Returns of Agricultural Statistics of British India for 1884-85	1
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Review of the Reports on Estates under Government in the Central Provinces for 1885	1
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Royal Botanic Gardens, Report of, for 1885, by Dr. H. Trimmen, Director	1

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Standing Order of the Public Works Department for 1883 and 1884, incomplete	2
The India Office List for 1886	1

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Patent Office Papers.

	Volumes.
Alphabetical Index of Patents and Applicants for Patents of Inventions for 1885 and 1886	2
Patents for Inventions, Specifications and Drawings, Vols. 13 to 86 for 1884	74
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Specifications relating to Photography, Part 3, A.D., 1877-1883	1
Specifications relating to Drains and Sewers, Sewage and Manure, Part 2, A.D., 1867-1876	1
Specifications relating to preparing and cutting Cork, Bottling Liquids, Securing and Opening Bottles, &c., Part 3, A.D., 1877-1883	1
Specifications relating to Fire Arms, Ammunition, &c., Division 1, Fire Arms and Similar Weapons, Part 3, A.D., 1877-1883	1
Specifications relating to Fire Arms, Ammunition, &c., Division 2, Cartridges, Projectiles, and Explosives, Part 3, A.D., 1877-1883	1
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E-1.

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Bell, F. J.—The Zoological Record, Vol. 22, for 1885	1
Heude, R. P., Conchyliologie Fluviale de la Province de Nanking et de la Chine, Centrale, Part 9	1
Iconographie der Schalentragenden Europäischen Meeresconchylien by Dr. W. Kobelt, Heft 4 and 5	2
Semper, Dr. C., Reisen in Archipel der Philippinen Zweiter Theil die Landdeckels Schnecken von Dr. W. Kobelt	1

E-2.

Periodicals.

Annals and Magazine of Natural History	Nos. 97 to 108 for 1886 and Nos. 1 and 2 for 1887.
Annales de la Societe Entomologique de France	Nos. 1 to 3 for 1886.
Annales des Sciences Naturelles, Botanique	Vols. 3 and 4 for 1886.
Annales des Sciences Naturelles Zoologie	Nos. 1 and 2 for 1886.
Bulletin de la Societe Imperiale des Moscov	Nos. 1 to 4, 1885, and 1 to 3 for 1886.
Ibis A.—Quarterly Journal of Ornithology	Nos. 13 to 16 for 1886, and No. 1 for 1887.
Journal de Conchyliologie	Nos. 1 to 4 for 1886.
Journal of the Linnean Society, Botany	Nos. 142 to 147 and 150-151 for 1886.
Do. do. Zoology	Nos. 113 to 126 for 1886.
Nature—A Weekly Illustrated Journal of Science	Vols. 33-34 for 1885-86; Nos. 888 to 905 for 1886-87.
Nouvelle's Archives du Museum d' Histoire Naturelle	No. 2 for 1885, and No. 1 for 1886.
Philosophical Magazine	Nos. 128 to 139 for 1886.
Proceedings of the Zoological Society	Parts 1 to 3 for 1886.
Quarterly Journal of the Geological Society	Nos. 165 to 168 for 1886.
Transactions of the Entomological Society	Parts 1-4 for 1886.
Transactions of the Linnean Society, Zoology	Vol. 3, Part 4, Vol. 4, Part 1, for 1885-86.
Transactions of the Linnean Society, Botany	Vol. 2, Part 9-11 and 12 for 1885-86.

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Blue Books.

	Copies.
Convention between the Governments of Great Britain and Spain respecting the Commercial relations of the two countries, 1886 ...	1
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Third Report of the Royal Commission appointed to inquire into the Depression of Trade and Industry for 1886 ...	1

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Trübner's Oriental Series.

	Volumes.
Bigandet, Rev. P.—The Life or Legend of Gaudama the Buddha of the Burmese ...	2
Gray, James—Ancient Proverbs and Maxims from Burmese sources ...	1
Wherry, Rev. E. M.—A Comprehensive Commentary on the Quran, Vol. 4th ...	1

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Record Publications from the Master of the Rolls.

Bracton De Legibus Anglorum, Vol. 6th ...	1
Calendar of State papers (Domestic) 1656-1657, 1657-1658, and 1658-59 ...	3
Calendar of State papers (Colonial) East Indies, 1625-1629 ...	1
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Symeon of Durham, Vol. 2 ...	1
Thomas Saga Erkibyskups, Vol. 2nd ...	1
Year Books, Edward III, Years 11-12 and 12-13 ...	2

MADRAS,
9th July 1887.

(Signed) EDGAR THURSTON,
Superintendent, Government Central Museum.

LIST OF EXHIBITS FROM THE INDO-COLONIAL EXHIBITION RETURNED FOR DEPOSIT IN THE MUSEUM.

Musical Instruments.

Flute made of bamboo.	Drum, barrel-shaped.
Whistle do.	A small drum chiefly used by beggars.
An oboe-like instrument made of blackwood.	A sort of guitar, made of jackwood.
Do. do. do.	Do. do. teakwood.
Do. do. do.	A guitar made of jackwood.
Conch shell.	Do.
S-shaped brass trumpet.	A guitar, with a drum-like body.
Drum.	A violin.

Jewellery.

Silver armlets.	Pair wristlets.
Pair silver wristlets.	Do.
Do. silver toe ring.	Silver waistcord.
2 Do. do.	Do. waistchain.
2 Do. do.	Do. fig-leaf.
Pair gold ear ornament.	Pair silver anklets.
Do. do. do.	Do.
Do. do. do.	Do.
One do. do.	One do.
Pair do. do.	Pair do.
Do. do. do.	One do.
One do. do.	Do. do.
One do. do.	Pair do.
Pair gold ear studs.	Silver toe ring.
Do. do. drops.	Do. do.
Do. do. studs.	Do. do.
Do. do. drops.	Silver finger ring.
Do. do. do.	Do.
Gold nose ornament.	Do.
Do. do. ring.	Silver wristlet.
Do. do. do.	

Gold nose ornament.
Do. do. do.
Do. do. do.
Gold necklet.
Silver necklet.
Silver neckchain.
Gold and glass bead necklet.
Horsehair do.
Horsehair necklet.
Silver necklet.
Do.
Silver chain.
Pair silver armlets.
1 silver do.
Silver armlet with pendant.
Silver armlet.
Do.
Silver wristlet.
Do.
Do. pair.
Silver wristlet.
Do.
Do.
Brass wristlet.
Seven iron wristlets.
Pair silver pendants.
Do. gilt ear studs.
Four earrings.
Wristlet.
Silver wristlet.
Silver waist-belt.
Pair silver wristlets.
Do. do.
Hair pendant.
Silver finger ring.
Do. do.
Pair silver toe rings.
Do. do.
Silver necklet.
Do. head ornament.
Do. do.
Do. armlet.
Do. wristlet.
Do. finger ring.
Do. do.
Do. waistchain.
Do. anklet.
Do. do.
Do. fig-leaf.
Do. head ornament.
Hair ornament.
Necklet.
Do.
Do.
Do.
Do.
Collection of peasant jewellery.
Do. do.
Copper armlet.
Collection of peasant jewellery.
Set do. do.
Do. do. do.
Do. do. do.
Silver armlet.
Gold nose ornament.
Two gold ear ornaments.
Do. do.
Do. do.
Pair silver wristlet.
Do.

Silver armlet.
Do.
Do.
Silver necklet.
Do. wristlet.
Gold ring.
Gold annular studs.
Silver and gilt armlet.
Do. wristlet.
Silver wristlet.
Do.
Gold ear ornament.
Do. pair.
Silver ear ornament.
Do. necklace.
Do. do.
Two silver and bead necklaces.
Silver armlet.
Silver toe ring.
Pair do.
One wristlet.
Pair do.
Do. do.
Silver armlet.
Gold ring.
Gold and glass bead necklace.
Gold forehead ornament.
Silver wristlet.
Do.
Do.
Do.
Silver chatelaine.
Do. finger ring.
Pair of earrings.
Pair of brass armlets.
Two brass and two copper wristlets.
Copper wristlet.
Brass wristchain.
Silver necklet.
Do. finger ring.
Do. gilt breast-plate.
Do. nose ornament.
Do. waist-chain.
Do. coin case.
Two silver toe rings.
Silver fig-leaf.
Pair gold earrings.
Gold earring.
Pair do.
One do.
One nose ring.
Do.
Do.
Sixteen silver charms.
Hair ornament.
Pair head ornament.
Ear drops.
Nose ornament.
Necklet.
Do.
Armlet.
Pair wristlets.
Waistbelt.
Collection of peasant jewellery.
Pair copper anklets.
Do. head ornaments.
Gold ear ornament.
Do. head do.
Do. head ornament.

Silver necklet.
Do. pendant.
Two gold beads.
Do. do.
Silver armlet.
Do. with pendant.
Silver wristlet.
Do.
Do.
Do.
Silver wristlets, pair.
Do.
Gold fig-leaf.
Pair silver anklets.
Do. do.
One do.
Do. do.
Do. do.
Brass oil-vessel.
Metal chembu.
Brass do.
Do.
Do.
Do.
Do.
Do.
Copper chembu.
Do.
Do.
Bell-metal lotah.
Do.
Do.
Do.
Do.
Do.
Do.
Do.
Do.
Do.
Do.
Pewter lotah.
Bell-metal aftaba.
Circular brass tray.
Octagonal do.
Brass tray.
Do.
Do.
Do.
Do.
Do.
Copper tray.
Brass do.
Copper do.
Brass tray.
Do.
Do.
Brass plate.
Do.
Brass tray.
Do.
Brass bowl.
Do.
Bell-metal cup.
Do.
Bell-metal water vessel.
Co. tobacco-holder.
Do. chunam-holder.
Brass bowl.
Set of peasant jewellery.

Set of peasant jewellery.
Do.
Do.
Marriage necklet of 48 pendants (charms)
with 52 rubies and 57 beads.
Pair gold ear studs.
Pair gold wristlets.

Manufactures in metal.

Brass lamp.
Lamp.
Brass chembu.
Brass lamp.
Copper water vessel.
Do.
Brass cymbals.
Brass lamp.
Bell-metal lamp.
Brass lamp.
Do.
Chembu.
Bell-metal chembu.
Brass do.
Do.
Bell-metal chembu.
Do.
Do.
Brass chembu.
Metal lotah.
Do.
Do.
Bell-metal ladle.
Do.
Bell-metal oil measure.
Brass spittoon.
Do.
Brass lamp.
Do.
Do.
Brass drinking vessel.
Brass water vessel.
Brass plate and candle-sticks.
Copper begging pot.
Do.
Copper tray.
Bell-metal stand.
Brass bell.
Cup for sandalwood paste.
Cup.
Cylindrical vessel.
Vessel for holy water.
Do.
Do.
Chased lotah.
Vessel for holy water.
Brass chembu.
Feet of Krishna.
House lamp.
Household lamp.
Brass and zinc salver.
Copper salver.
Brass lotah.
Brass tray.
Do.
Brass water vessel.
Do.

Lacquered Wares.

Lacquered box.
Lacquered box and playing cards.

Large lacquered fan in 4 colors.
Small fan, lacquered.

Lapidaries' Work.

Rock crystal Lingam and Yoni.

Textiles.

Woman's cloth.	Woman's cloth.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Turban.	Do.
Woman's cloth.	Woman's jacket-cloth.
Do.	Turban.
Do.	Men's handkerchief.
Do.	Petticoat cloth.
Do.	Piece of unbleached Arni muslin.
Do.	Woman's cloth.
Do.	Do.
Woman's jacket-cloth.	Do.
Do.	Do.
Woollen rug.	Do.
Small carpet.	Do.
Piece of silk.	Do.
Do.	Woman's jacket-cloth.
Woman's jacket, silk.	Do.
Do.	Do.
Do.	Woman's jacket, silk.
Do.	Do.
Woman's cloth, silk.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Woman's cloth.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Woman's jacket-cloth.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Do.	Do.
Piece of satin.	Do.
Do.	Do.
Do.	Do.
Piece of silk.	Do.
Hand-printed palampore.	Do.
Do.	Do.
Do.	Do.
Handkerchief.	Do.
Hand-printed palampore.	Do.
Do.	Do.
Do.	Do.
Woman's cloth.	Do.
Do.	Do.
Do.	Do.
	Cotton kerchief.
	Do.

Waistcloth.

Do.

Pair kerchiefs.

Turban cloth.

Hand-printed palampore.

Do.

Do.

Hand-printed woman's cloth.

Do.

Do.

Do.

Hand-printed palampore.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Do.

Hand-printed palampore.

Do.

Do.

Hand-printed cloth.

Do.

Do.

Do.

Hand-printed palampore.

Do.

Do.

Woman's cloth.

Woollen rug.

Hand-printed palampore.

Do.

Do.

Hand-printed canopy cloth, 12' x 11'.

Do.

Piece of cloth showing various methods of

hand printing.

Hand-printed canopy cloth, 13' x 11'.

Hand-printed palampore.

Do.

of Persian carpet pattern,

18' x 18'

Poshtins, Belts, Saddles, &c.

Embroidered saddle.

MADRAS,
9th July 1887.(Signed) EDGAR THURSTON,
Superintendent, Government Central Museum.

ORDER—dated 25th August 1887, No. 840, Revenue.

Miscellaneous.

The report on the working of the Government Central Museum during the year 1886-87 shows that considerable progress was made, especially in the Natural History section. His Excellency the Governor in Council notices with much satisfaction the interest which Dr. Thurston takes in his work, and he regards the tours which that officer has made as most useful to the interests both of the museum and of the Presidency to which the museum is to serve as an illustrative index.

2. The Superintendent attributes the decrease in the greatest number of visitors on any one day to the melancholy disaster that occurred at the Madras Park Fair; the great decrease which occurred in the total number of visitors is not explained. It appears from a comparison of the statement given on page 14 of the report with a similar statement for the previous year that the falling off in numbers was distributed fairly evenly over the year.

3. The Government consider that it would be convenient if a statement of the cost of working the museum was given in the annual report, and they direct that this be done in future.

4. The attention of the Public Works Department will be invited to paragraph 2 of the report. The recommendation of the Superintendent that one of the godowns should be converted into a water-pandal will be considered on the receipt of more definite proposals, which should be accompanied by an estimate of the cost.

5. In conclusion, His Excellency the Governor in Council desires to tender his acknowledgment to the numerous contributors to the museum, as well as to Captain Tufnell and others who rendered assistance to the Superintendent.

(True Extract.)

Ag. Secretary to Government.

To the Superintendent, Government Central Museum.
 „ the Public Works Department.
 „ Surgeon-General G. Bidie, M.B., C.I.E.
 „ the Editors' Table.

Exd W. H. French.

150 Copies.

B-Nº 2381 w - 18-9-86

PWC No 7771 ✓

Govt. of (1887) Madras.

REVENUE.

B.B.

Communicated
to the Supg. Engr. V. Circle
for requisite action
with reference to para
2 of the Report.

Recd. 5.10.87
5.10.87

Issued

Recd.

4.10.87

Encl.

G.O., 25th August 1887, No. 840.

AUGUST.

Supg. Engr. V. Circle - D/110

Government Central Museum.
Review of report on the — for 1886-87.

With Order

5-10-87

