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E. & P. H. (1947) Department.

Mis SERIES.

G.O. NO. Ps. 1421 Edn.

Dated the 5th July 1947

[Despatch Abstract.]

MUSEUM - Government Museum and Connemara Public Library - Administration Report for 1946-47 - Recorded.

* Back Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Further Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Departme	Date
Ms.	2587	Edn	16-10-'46.				

Government of Madras

EDUCATION AND PUBLIC HEALTH DEPARTMENT

(Education)

G.O. No. 1421, 5th July 1947

Museum—Government Museum and Connemara Public Library—Administration Report for 1946-47—Recorded.

READ—the following paper:—

From the Superintendent, Government Museum, dated 2nd June 1947, No. 1490-1/47.

Order—No. 1421, Education, dated 5th July 1947.

Recorded.

2. The Museum has been taking special steps to make the new accessions and the older collections in the Museum better known and understood by the public—literate and illiterate.

3. The notable additions to the Museum collection during the year were one model of the Amaravati Stupa, 1,398 silver denarii of Emperors Augustus and Tiberius which are treasure-trove finds from Coimbatore, an Egyptian Shawabti figure with hieroglyphics, a stone head believed to be a portrait sculpture of Krishnadeva Raya of Vijayanagar, and a travelling desk of the East India Company days presented by Mr. A. R. C. Westlake.

4. The number of coins acquired during the year were 14 gold, 1,415 (plus 9 pieces) silver and 12 copper coins. The silver coins except 17, were all coins of the Roman Emperors Augustus and Tiberius from a hoard discovered in Coimbatore district.

5. Educational demonstrations were given by the Museum to 83 teachers belonging to Indian and European Schools. Students from colleges and schools in the City and the mufassal came on organized visits to the Museum as usual. The Superintendent, Government Museum, gave radio talks on Archæology for the troops and on Anthropology for high school students.

6. Museum exhibits were loaned to the Central Asian Antiquities Museum for their special exhibition in connexion with the Inter-Asian Relations Conference. Numerous typical South Indian Stone Implements and South Indian Arms were loaned for exhibition at the Harijan Industrial School Benefit Exhibition.

7. The usefulness of the Connemara Public Library continued to be appreciated by the public. There was an increase in the number of readers who visited the library from 52,289 to 59,515 and in the number of volumes consulted from 157,140 to 178,545.

(By order of His Excellency the Governor)

M. V. SUBRAMANIAN,
Secretary to Government.

To the Superintendent, Government Museum.
,, Director of Public Instruction.
,, Accountant-General.
,, Director-General of Archæology.
,, Revenue Department.
,, Development Department.
,, Library of the Madras Legislature.
,, Secretariat Library.

Press.

ADMINISTRATION REPORT OF THE GOVERNMENT MUSEUM AND CONNEMARA PUBLIC LIBRARY, MADRAS, FOR THE YEAR 1946-47.

GOVERNMENT MUSEUM.

INTRODUCTION.

Apart from the work along the traditional lines, reported upon in the past, attention deserves to be drawn to three new features to which considerable time and energy were devoted during the year under report. They were (1) the efforts made, through special exhibitions, to make the new accessions and the older collections in the Museum better known to the public; (2) the experiments conducted with a view to make the visit to the Museum more profitable to the illiterate and semi-literate among the visitors; and (3) the efforts to create interest in modern paintings.

Special exhibitions.—The collections already in the Museum and the additions made to them from time to time have not received in the past the publicity which they deserve. To remedy this defect, a deviation was made from the old practice to announce all notable accessions in the newspapers, and also to hold periodical special exhibitions which were preceded by popular and often illustrated accounts in the daily newspapers of the City. The following were the subjects of the special exhibitions held:—

Numismatics.	*Botany.*	*Geology.*
1 Ancient Chinese Coins.	2 Sea Forest.	3 Beauties in Stones. 4 Important Mineral Resources of India.
Archæology and Art.	***Zoology.***	***Anthropology.***
5 Amaravati Stupa Model. 6 South Indian Metal Images. 7 Wood Carvings. 8 Copper Plate Grants.	9 Recent Zoological Accessions. 10 Corals. 11 Indian Insect Types.	12 Ape Man of Peking. 13 Ape Man of Java. 14 South Indian Arms and Weapons. 15 Rare Antiquities from Pondicherry Excavation.

These exhibitions were all very popular, and brought to the Museum many interested visitors. It is, therefore, proposed to make them a regular feature of the activities of the Museum, though there is, at present, the handicap of our not having a special room for this purpose. Provision has, however, been made for it in the new buildings sanctioned in G.O. Ms. No. 943, P.W., dated 2nd April 1946. The special exhibitions involve a good deal of extra work, but they are all well worth the trouble, for they enable the public to see several exhibits which we are not in a position to exhibit for want of accommodation and incidentally also to serve as a reminder of the cultural value of the Museum.

About these exhibitions the editor of the *Journal of Scientific and Industrial Research*, Delhi, wrote as follows:—

"More exhibitions of this type should be organized all over India. There is need for publishing the good work of the Madras Museum so that interest may be roused in other quarters."

The *Madras Information* gave very wide publicity to an account of the important features of this Museum; translations of my original article in English were published in the Tamil and Malayalam editions of the *Madras Information*.

The problem of the illiterate visitor.—A very large proportion of the visitors to the Museum, unfortunately, happen to be illiterate and unable to read the labels in English or in Indian languages. A visit to the Museum is often the only occasion which this class of visitors have of coming into contact with higher art, history and the natural sciences. The best way to make a visit to the

The following collection of birds and mammals were stuffed and rolled for use in the galleries and as reserve collection: four albino rats, four field rats, two spotted doves, one ring dove, one spotted owlet, one woodpecker, one hoopoe, one golden oriole and two blue jays.

The systematic work on Gastropods of Krusadai Island was completed and the typescript together with the plates of illustrations were got ready for the press, to be published as a Museum Bulletin. A paper describing a new species of a Pleurobranch from Pamban was published by the Curator in the *Proceedings of the Malacological Society*, London.

A collection tour to Krusadai Island was undertaken by the Curator in September and a number of invertebrates and fish specimens were collected and added to our existing reserve collections.

During the year three special exhibitions were arranged; the first comprised a few recent additions to the gallery such as red winged cuckoo, saw fish, six-armed star fish, growth series of the feather shell and cœcilians; the second comprised a series of corals, many of which were newly mounted and displayed for exhibition with descriptive labels. The third exhibition consisted of a series of introductory exhibits for the insect gallery illustrating various features of insect life. All these exhibits are now being placed on permanent exhibition in the galleries. Several photographs were also incidentlly prepared and mounted for exhibition.

In November the Curator visited the Prince of Wales Museum at Bombay and studied the general methods of preparation and display of museum exhibits. A detailed study of the methods of casing, labelling and presentation of the various exhibits was undertaken by the Curator. The work of refilling, bladdering and painting of gallery specimens, the systematic cleaning of all the gallery exhibit cases and their treatment with preservatives and insecticides, and the preparation of new labels and the changing of old and faded labels, are in progress.

In January the Curator left for the United States of America on deputation for the study of Museum methods in Natural History at the American Museum of Natural History, New York, handing over charge of the Zoological Section to the Curator for Anthropology.

Anthropology and Pre-history.—A new exhibit of two leather shadow play figures representing a deer and a tiger from Cuddapah district has been put up in a new show case. Repairs to the sloping exhibit cases in the pre-historic galleries are in progress.

The Lambadi figure has been painted anew by an artist recommended by the Principal, School of Arts, and arrangements have been made for the purchase of a new set of dress and ornaments for the model which will be exhibited as soon as it is got ready.

A few paintings of Gadabas and Porojas by the State Artist of Jeypore and a very interesting replica of a sword belt in the possession of the Maharaja of Jeypore were presented to this Museum by the Maharaja.

The leather shadow play figures in the Museum most of which are from Malabar and which depict scenes and characters from the Ramayana were given preservative treatment. Two of them, Sugriva and Sri Rama have been sent to the American Museum of Natural History for exchange purposes.

A pair of Persian Giva or Malaki (shoes) was acquired by purchase from Miss C. R. Dunhill of Kilpauk.

Three iron implements (one axe head, one spear head and one crescentic plate) were acquired from a Treasure-trove find in Kuzimanna amsam, Ernad taluk.

A collection of ethnographic materials of the Koyas, Gadabas, Kurumans and Kare Kudubis was made by the Superintendent during his tours on the

Special Committee for enquiry regarding the conditions of the aboriginal tribes of this Province.

Four special exhibitions were held by this section—

(1) The Ape Man of Peking: His tools and ornaments.
(2) The Ape Man of Java: His stone implements.
(3) Some Rare South Indian Weapons.
(4) Antiquities from Recent Excavations in Pondicherry.

The Curator is continuing his work on Palmar Dermatoglyphics.

The Curator made a tour of the Kolli Hills of the Salem district and made some observations regarding the social and physical anthropology of the Kolli Malayalis.

The Curator was on tour to New Delhi in charge of the exhibits loaned by the Museum for the special exhibition at the Central Asian Antiquities Museum arranged for the Asian Relations Conference.

A number of typical South Indian Stone implements and some interesting South Indian Arms were loaned and facilities afforded for making enlargements of a representative collection of the photographs of the Aboriginal Tribes of South India for exhibition at the Harijan Industrial School Benefit Exhibition.

Archæology and Art.—During the year the labelling and reorganization of the exhibits were continued. Some of the bronzes affected by "bronze disease" have been cleaned. A number of wood carvings were treated with "Ascu" and were rearranged and fixed in better places enabling the visitors to see the details of the carving properly.

At the instance of the Government, the famous Tiruvelangadu Natesa was removed to a case with glass on all its four sides, in the centre of the Vaishnavite gallery, thus enabling the visitors to have a complete view of the image including its back. The case has been provided with a wooden barricade.

During the year, a group of images consisting of Vishnu, Sridevi and Bhudevi from Kilayur, Negapatam taluk, Tanjore district, was acquired from Treasure-trove finds.

Other notable additions to the collections are—

(1) an image of Jyestha devi and a tablet with *trisula* carvings—both of them presented by the Trustees of Valeeswarar Kovil, Mylapore, Madras;

(2) a plaster cast model of the Amaravati Stupa, purchased from the Prince of Wales Museum, Bombay;

(3) a head of Krishnadeva Raya in stone (Fig. 3) given on loan by Dr. N. Venkataramanayya, University of Madras;

(4) an Egyptian *Shawabti* figure with hieroglyphics on it (Fig. 2) received from the office of the Commissioner for Archæology and Anthropology, Sudan, in exchange for some of our anthropological exhibits;

(5) a travelling desk consisting of two pieces, presented by Mr. A. R. C. Westlake, C.I.E., I.C.S., Madras; and

(6–7) two paintings "Devotion" and "Ancient School of Meditation" by Mr. Doraiswamy, purchased;

(8) a stone image of Vishnu from Natteri village, Cheyyar taluk, North Arcot district, received from the Collector, North Arcot district, as a Treasure-trove find;

(9) copy of "Mother and Child" from the original painting at Ajanta caves, purchased from Hyderabad (Deccan);

(10) copy of "Apsaras" from the original painting at Ajanta caves, purchased from Hyderabad (Deccan);

(11) a single copper plate grant, received from the Government Epigraphist for India, for deposit in the Museum.

The Curator went on tour to Mahabalipuram to study the sculptures of that place during February 1947. In March 1947 he went to Wandiwash to inspect some Treasure-trove images kept in the Taluk Office there. He visited Mangadu

and Pattu in connexion with the inspection of stone sculptures. There were five special exhibitions of exhibits recently acquired and of rare workmanship. The plastercast model of the Amaravati Stupa, some unique bronzes, some wood carvings from a temple car, some selected copper plate grants and an image of Natesa acquired from Semangalam, Tanjore district, were in this order, exhibited at regular intervals.

Botany and Geology.—Following the appointment of Mr. K. S. Srinivasan, M.Sc., as the officer on special duty, Industrial Section, Indian Museum, Calcutta, Mr. M. S. Chandrasekhar, B.Sc., who has rendered "War Service," was appointed as the Curator in charge of Botany and Geology sections.

A number of medicinal plants were obtained from the local market. Specimens of Pyrethrum were obtained from the Pyrethrum Plantation Officer, Nilgiris. Pandanus, fibre articles, mats, tobacco and its products were procured. The following specimens of wood were obtained from the Utilization Officer, Forest Research Institute, Dehra Dun: Babul, rosewood, halde, sal, blue-pine, deodar, gurjun, semul, spruce, sandan, kanju, gamari, jaman, salai, axle-wood, laurel, kokko, mulberry, jarul, teak, toon, bijisal, sissoo, mango and poon.

Raw materials used in the manufacture of paper were procured from the Secretary, All-India Village Industries Association, Wardha. Photographs and specimens relating to coir industry were presented by the Alleppey Company, Limited, Alleppey. The following specimens were presented by the Mycology Section of the Agricultural Research Institute, Coimbatore: Pink disease of sugarcane, red-rot of sugarcane, orobanche on tobacco, *Volvaria diplasia*, *Ganoderma lucidum*, ergot on rye, bud-rot of coconuut, bud-rot of palmyra, blister blight of tea, Hemileia on coffee and blast of paddy.

Dr. A. Ananthanarayana Ayyar, Anatomy Department, Medical College, Madras, presented a few specimens of *Ephedra vulgaris* which is believed to be the "Soma plant" of the Vedic days.

Samples of forty-eight different strains of paddy, and a bark of *Antiaris toxicaria* were sent to the Indian Museum, Calcutta, on their application for the same.

The reorganization and overhauling of the Botany gallery were continued this year. Efforts are being made to complete the ecology cases and the Madras City Flora. Prominent wooden labels have been fixed to the show-cases in the Economic Botany gallery, indicating the heads under which the groups of exhibits fall.

The Curator undertook a tour to Coimbatore, and studied the museum work of the Agricultural and the Forest Colleges, and visited the Madras Herbarium, the Agricultural Research Institute, the Imperial Sugarcane Research Station, the Kallar Fruit Farm, and the Associated Cement Company, Limited, Madukarai.

The special exhibition conducted in Botany was the "Sea Forests" comprising of sea-weeds of the Madras coast, with notes on their economic importance.

The reorganization of the Geology gallery is being pursued. A model of the meteorite which fell at Valudavur village, South Arcot district, was obtained from the Director, Geological Survey of India. A lithographic stone was presented by the Raja Lithoworks, Sivakasi. One photographic print of Prehistoric Mammoths painted by C. R. Knight, was obtained from the American Museum of Natural History, New York. Sample specimens of limestone, clay, gypsum and cement were presented by the Associated Cement Company, Limited, Madukarai. Photographs relating to the manufacture of cement are also expected from the same company.

The special exhibitions conducted in Geology were—

(1) "Beauties in Stones" and

(2) "India's Valuable Mineral Resources."

Numismatics.—This section was without a Curator till the appointment of Prof. T. Balakrishnan Nayar, Professor of Indian History in the Presidency College, as part-time Curator for Numismatics in March 1947.

The accessions to the collection were 14 gold, 1,415 (plus 9 pieces) silver and 12 copper coins. The silver coins except 17, were all coins of the Roman Emperors Augustus and Tiberius from a hoard discovered in the Coimbatore district.

Chemical conservation.—The treatment of four bronzes has been completed and the cleaning of a further lot of four is progressing.

A Treasure-trove find of about 1,400 silver coins from Coimbatore district and a lot of 1,000 lead coins were cleaned.

Training and Research Facilities.

The artist deputed by the Travancore State Museum is undergoing training in museology in this Museum. The newly appointed Curator of the Travancore Art Museum, Miss K. Rajamma, was also deputed here for training for a period of two months.

Facilities for research on the megalithic pottery of the Coimbatore district were afforded to Mr. Trilokanath Khazanchi, State Archæologist of Kashmir, on the recommendation of the Director-General of Archæology in India.

Publications.

The Guide to the Archæological Galleries and the *Handy Guide to the Museum* in English, Tamil and Telugu were reprinted. The Government have sanctioned the printing of a brief guide book for the Buddhist galleries. This guide is under preparation.

Educational Work.

Demonstrations to teachers.—Eighty-three teachers belonging to 19 Indian High Schools, 1 European High School and 1 European Middle School (including 5 Girls' High Schools) attended the demonstrations.

Organized visits to the Museum.—Pupils from 6 colleges, 154 schools of the City and 14 schools from the mufassal were brought to the Museum by their teachers, the total number of pupils being 7,042 and of teachers 287.

Invitations to visit the Museum were sent out to the Principals of the City Colleges. The Principal and professors of the Vivekananda College were shown round the Museum which they visited in response to this invitation.

Radio talks.—The Superintendent gave radio talks on Archæology for the troops and on Anthropology for high schools.

Other Activities.

I was appointed a member of the Aboriginal Tribes Welfare Enquiry Committee constituted by Government by G.O. Ms. No. 2516, Public (Political), dated 19th November 1946, to investigate into the conditions of the aboriginal tribes of the Madras Province. During the tours of the Committee, it became possible for me to collect ethnographic objects for the Museum and to gather useful scientific information.

On the orders of Government, I also gave evidence before the Sub-Committee of the Constituent Assembly for Excluded and Partially Excluded Areas.

I continued to be the editor of the *Journal of Indian Museums*.

MADRAS,
31st May 1947.

A. AIYAPPAN,
Superintendent, Government Museum.

APPENDIX I.

A.—Complete list for the year of Treasure-trove Coins in the Madras Province.

Accession number.	Particulars.	Metal.	Number found.	Number recovered.	Number acquired.
803	Chittoor district, Madanapalle taluk, *Tsowkillavarripalle* village—				
	Found on 16th October 1945 in S. No. 35/2—				
	Vijayanagara Hariharavarahas ..	Gold.	14	14	14
804	Salem district, Tiruchengode taluk, *Konasamudram* village—				
	Reported on 21st January 1945 that the coins were found while excavating earth in the backyard of a house—				
	Haidar Ali—Rupees	Silver.	30	30	17
805	Ramnad district and taluk, sea coast near *Theerthakarai*—				
	Found on 10th and 20th November 1944 by two persons in a coconut garden—				
	Chola, Vijayanagara, Pandyan and Delhi Sultans.	Copper.	27	27	12
806	Coimbatore district, Udamalpet taluk, *North Budinatham* village—				
	Found on 11th February 1946 by one person in S. No. 208—				
	Roman	Silver.	1398 and nine broken.	1398 and nine broken.	1398 and nine broken.
..	Coimbatore district, Palladam taluk, *Begampatti* village—				
	Found on 27th November 1945 in S. No. 66 by sixteen persons—				
	Viraraya fanams	Gold.	1295	1295	..
..	Malabar district, Ponnani taluk, *Pookode* amsam—				
	Found in the month of October 1945 in a garden in S. No. 78-7 by three persons—				
	Modern—Rupees, Nickel and Copper.	Silver.	364	364	..
		Nickel.	6	6	..
		Copper.	2	2	..
..	Madura district, Periyakulam taluk, *Cumbum* village—				
	Found on 10th July 1946 while digging in S. No. 1581-2 by four persons—				
	Viraraya fanams	Gold.	66	66	..
..	Coimbatore district, Avanashi taluk, *Jadayampaliam* village—				
	Found on 13th March 1946 in S. No. 81 by three persons—				
	Viraraya fanams	Gold.	500	500	..
		Copper.	1	1	..
..	Anantapur district, Kadiri taluk, *Dhanayan Cheruvu* village—				
	Found on 30th August 1945 while pulling down the stones from a fallen wall by two persons—				
	Queen Victoria and Empress Coins ..	Silver.	29	29	..

APPENDIX II.

List of Treasure-trove from the Madras Province, Coins excepted.

1. Tanjore district, Negapatam taluk, Kilayur village—
   (*a*) Vishnu, in bronze, standing on *padmapitha* over *bhadrapitha* carrying discus and conch in upper hands, the lower right in *abhaya* and the lower left in *katyavalambita* pose. Wears usual ornaments. May be an early image. The left upper hand fingers holding the conch are broken and the left lower hand lower finger is also broken.

   (*b*) Sridevi, in bronze, wearing *karandamakuta* and usual jewels and *kuchabandha*. Left hand in the posture of carrying lotus and the right in *lola*. Stands on *padmapitha* over *bhadrapitha*. The *Sirascakra* is missing.
   (*c*) Bhudevi, in bronze, similar to Sridevi but without *kuchabandha*. Right hand in the posture of carrying lily and the left in *lola*. Stands on *padmapitha* over *bhadrapitha*—Acquired.
2. North Arcot district, Cheyyar taluk, Natteri village—
   Vishnu, stone, standing with usual emblems in his hands. It is profusely ornamented. The features are not good. May be a modern image—Acquired.
3. Cuddapah district, Rayachoti taluk, Dadepalli village—
   Two gold pieces and one brass piece—Not acquired.
4. Cuddapah district, Sidhout taluk, Rachayapet village—
   Three pieces of gold ear rings, two thin gold wristlets and one piece of thin sheet of gold—Not acquired.
5. Kistna district, Nandigama taluk, Penuganchiprole village—
   A small silver vaddanam, a pair of silver hollow pieces, a broken hollow silver anklet and five small pieces of gold—Not acquired.
6. Salem district, Salem taluk, Hasthampatti (Johnsonpet) village—
   Seven gold clover shaped plates, nine gold conical ornaments and cylindrical gold ornaments with inside lac. Only two gold leaf shaped ornaments—Acquired.
7. Tinnevelly district, Nanguneri taluk, Achambadi village—
   One ruby stone—Not acquired.
8. North Arcot district, Arkonam taluk, Uraiyur village—
   Silver, gold, silver thayat, nellikamani, one silver thayat, nellikamani, one silver ornament and two gold mani and one small beaten leaf—Not acquired.
9. Trichinopoly district, Karur taluk, Elamanur village—
   One kodi in two pieces with one thali, gold karai with a thali, and gold poochi-koodu one pair—Not acquired.
10. Malabar district, Ernad taluk, Kuzhimanna amsam—
    One rusty axe six inches in length, a piece of iron broken, like the point of spear, and a piece of iron plate—Portion of a helmet (?).

APPENDIX III.

Other Notable Additions to the Collection.

1. Single copper plate grant in Telugu by a number of people beginning with Addangi Narasappa Garu recording their grant of lands to some temples of Nagareswara, Vighneswara, etc., in the place Addanki. It also mentions that the property should be utilised properly for the performance of daily pujas in those temples. In this connection probably the names of some archakas are also introduced. One of them is Dakshinamurti Ayyagaru.

2. (*a*) Image of Jyesthadevi in stone. Seated with Gowtamee beside her, flanked by her son and beautiful daughter—Presented by the trustees of Sri Valeeswaran Koil, Mylapore, Madras.
   (*b*) A square tablet with five Sivalingas on the top and carvings of trisulas on all its four sides. Probably a slab intended for marking boundaries—Presented by the trustees of Valeeswaran Koil, Mylapore, Madras.

3. Plaster cast model of the Amaravati Stupa—Purchased from the Prince of Wales Museum, Bombay.

4. One hundred and ninety lantern slides—Received from the District Magistrate, Guntur, for storing.

5. Head of Krishnadeva Raya, in stone, with moustache broken but plastered with cement. This has striking resemblance to the bronze image of the king at Tirupati—Loaned by Dr. N. Venkataramanayya, retired Reader, Madras University.

6. An Egyptian Shawabti figure with hieroglyphics on it—Received from the office of the Commissioner of Archæology and Anthropology, Sudan, as an exchange.

7. A travelling desk consisting of two pieces (1) a chest about 2′ 1′ 6″ 1′ which opens out to form a writing table. It contains a number of ingeniously contrived drawers and pigeon holes, (2) a stand about 2′ high with fluted legs—Presented by Mr. A. R. C. Westlake, C.I.E., I.C.S., Madras.

8. (*a*) "Devotion" a painting by Mr. Doraiswami—Purchased.
   (*b*) "Ancient School of Meditation" a painting by Mr. Doraiswami—Purchased.

9. (*a*) Copy of Ajanta painting "Mother and Child"—Purchased from the Archæological Department, Hyderabad (Dn.). Size 61½″ × 24″.
   (*b*) Copy of Ajanta painting "Apsaras"—Purchased from the Archæological Department, Hyderabad (Dn). Size 35″ × 35″.

10. A pair of Persian Giva or Malaki (shoes)—Purchased from Miss C. R. Dunhill of Kilpauk.

11. Ethnographic materials of the Koya tribe—Bison horn dance head dress, bird trap, bow and arrows, gourd water bottle and ladle, knife also used as razor, and drum—Collected by the Superintendent while on tour.

12. Cloth and Jabra bark fibre used for making cloth, of the Gadabas of Vizagapatam—Collected by the Superintendent.

13. Spear head of 10 feet long spear used by the Kurumans of Wynaad for tiger hunting—Collected by the Superintendent.

14. Drum of Kare Kudubi tribe of Mangalore with Varanus skin—Collected by the Superintendent.

15. Iron implements for sampling grain from gunny bags—Presented by Mr. Oraganti Kanakayya Nayudu, Mirasdar, Sivakasi.

APPENDIX IV.

Visitors, Staff, etc.

Visitors to the Museum --

	1945-46.	1946-47.
Total number of visitors	274,140	393,151
Total number on Sundays	66,710	88,945
Total number on gosha days	1,887	2,354
Attendance on Dwadasi day	6,042	13,267
Attendance on Kannupongal day ..	21,100	30,130

Staff.—Dr. A. Aiyappan continued as officiating Superintendent and Associate Librarian throughout the year. Mr. M. S. Malumiar, Personal Assistant to the Superintendent, was on other duty as officiating Superintendent, Education and Public Health Secretariat, from 20th September 1946 to 20th March 1947. Mr. S. T. Satyamurti, Curator, Zoological section, whose deputation for study purposes to the United Kingdom and the United States of America was sanctioned by Government, left for training at the United States of America during January 1947. His section is now being looked after by Sri C. J. Jayadev, Curator, Anthropological section, in addition to his own duties. Sri K. S. Srinivasan, Curator, Botany section, who was appointed as Officer on special duty in the Industrial section, Indian Museum, Calcutta, left this Museum on 31st December 1946 and his place was taken up here by Sri M. S. Chandrasekhar, a war service candidate, from 1st January 1947. Sri T. Balakrishnan Nair, Professor of Indian History, Presidency College, Madras, was appointed by Government as part-time Curator of the Numismatic section and he took charge of his part-time post from 1st March 1947. Sri D. Rajagopala Ayyangar, former Head Clerk of this office who retired from service in 1945, was, with the previous sanction of the Government, re-employed in this office as a Lower Division Clerk for a period of 11 months from May 1946. He relinquished his officiating post early in April 1947.

Photographic work.—The photographer was chiefly engaged in taking prints for record and sale to the public apart from negatives and lantern slides. A sum of Rs. 41 was realized by the sale of prints and Rs. 15 by sale of picture post cards as against Rs. 57 and Rs. 131, respectively, during the previous year. During the year under report 77 negatives, 355 bromide prints, 42 enlargements and 5 lantern slides were prepared.

Tours.—Under the orders of Government the Superintendent toured during May 1946 to Trivandrum, Trichur and Calicut for inspection and study of the conditions of the local Museums there. The Curator, Zoological section, made a tour to Krusadai Islands near Rameswaram in September 1946 for collecting zoological specimens. The same Curator who was permitted by Government to study the general methods of preparation of exhibits, etc., at the Prince of Wales Museum, Bombay, before he left on deputation out of India to the United Kingdom and the United States of America for study purposes, went on a tour to Bombay during November 1946 for the said purpose and studied the museum methods for a fortnight. The Curator, Anthropological section, made a tour of the Kolli Hills of the Salem district during January 1947 to study the social and physical anthropology of the Kolli Malayalis. He was on tour in March 1947 to New Delhi in charge of the exhibits loaned by this Museum for the Special Exhibition at the Central Asian Antiquities Museum arranged for the Asian Relations Conference. The new Curator, Botany section, undertook a tour in February 1947 to Coimbatore and studied the Museum work of the Agricultural and the Forest Colleges there. He also visited the Madras Herbarium, the Agricultural Research Institute, the Imperial Sugarcane Research Station, the Kallar Fruit Farm and the Associated Cement Co., Ltd., Madukarai. The Curator, Archæological section, made a short tour to Mahabalipuram in February 1947 for studying the sculptures and later in March 1947 to Wandiwash, Mangadu and Pattu near Poonamalle for the inspection of images.

Museum Theatre.—The theatre was used for 133 performances exclusive of rehearsals as against 144 in the previous year. Of these 53 were free used in connexion with entertainments and amenities to troops and in aid of Harijan uplift and the remaining 80 were on payment of rent. A sum of Rs. 1,305 was realized as rent as against Rs. 1,295 in the previous year. A sum of Rs. 144 has, in addition, been credited to Government as Government share of the overtime fees for the Caretaker's attendance.

APPENDIX V.

List of Photo-Negatives Prepared during 1946-47.

Archæological section.

Negative number.	Size.	Subject.
XXIV (9)	1/2	Wood carving—Dasaratha fondling Rama.
XXIV (10)	1/2	Do. —Dasaratha, his queen and children.
XXIV (11)	1/2	Do. —Dasaratha's queens with the vessel containing divine payasa.
XXIV (12)	1/2	Do. —Birth of Rama and his brothers.
XXIV (13)	1/2	Do. — Do.
XXIV (14)	1/2	Do. —Panels from temple car.
XXIV (15)	1/2	Do. — Do.
XXIV (17)	1/2	Copper plate grant.—Tiruvelangadu plates.
XXIV (18)	1/2	Do. —Seal of the above grant.
XXIV (19)	1/2	Sculpture (stone)—Vinadharadakshinamurti.
XXIV (20)	1/2	Bronzes—Rama and Sita.
XXIV (21)	1/2	Do. —Hanuman.
XXIV (22)	1/2	Do. —Ganesa with prabha.
XXIV (23)	1/2	Do. —Chandikesvara.
XXIV (25)	1/2	Copper plate grants—Eastern Chalukya grant.
XXIV (26)	1/2	Do. — Do.
XXIV (27)	1/2	Do. —Vishnu Kundin grant.
XXIV (28)	1/2	Do. —Seal of the above grant.
XXIV (29)	1/2	Wood carving—Birth of Rama and his brother.
XXIV (31)	1/2	Model—Plaster cast model of the Amaravati stupa.
XXIII (46)	1/2	Bronze—Siva as Kameswara.
XXIII (47)	1/2	Do. —Vamana, Kaumodaki Sudarsana and Kameswara.
XXIII (48)	1/2	Do. —Scene of Markandeya.
V (2)	1/4	Sculpture (stone)—Head of Krishnadevaraya.
V (50)	1/4	Copper plate grant—Seal with rearing lion.

Anthropological section.

E. 21. 1	1/2	Prof. G. J. Dubreuil.
E. 21. 2	1/2	Capt. Bidie, Superintendent, Government Museum.
E. 21. 3	1/2	Sinanthropus.
E. 9. 39	1/4	Seal with Buli Motif, Mohenjo-Daro.
E. 9. 40	1/4	Gems and jewellery from Vellalore treasure-trove.
E. 9. 41	1/4	Rings and ringstones.
E. 9. 42	1/4	Arikamedu beads.
E. 9. 43	1/4	Naga head hunters.
E. 9. 44	1/4	
E. 9. 45	1/4	
E. 9. 46	1/4	
E. 9. 47	1/4	Jatayu, shadow play figure.
E. 21. 4	1/2	Mandothari, shadow play figure.
E. 21. 5	1/2	Naga head hunter.
E. 21. 6	1/2	Khond men.
E. 21. 7	1/2	Khond women.

Zoological section.

Z. 5. 1	1/4	Model of saw fish.
Z. 5. 2	1/4	Crested Hoopooe.
Z. 5. 3	1/4	Corals series.
Z. 5. 4	1/4	Do.
Z. 5. 5	1/4	Marvels of insect life series.
Z. 5. 6	1/4	Do.
Z. 5. 7	1/4	Do.
Z. 5. 8	1/4	Do.
Z. 6. 1	1/2	Insect life history series.
Z. 6. 2	1/2	Do.
Z. 6. 3	1/2	Do.
Z. 6. 4	1/2	Do.
Z. 6. 5	1/2	Do.
Z. 6. 6	1/2	Do.
Z. 6. 7	1/2	Do.
Z. 6. 8	1/2	Do.
Z. 6. 9	1/2	Do.
Z. 6. 10	1/2	

Negative.	Size.	Subject.
Z. 6. 11	1/2	Corals.
Z. 6. 12	1/2	Do.
Z. 6. 13	1/2	Do.
Z. 6. 14	1/2	Do.
	Chemical Conservation section.	
Cheml. I. 1	1/2	Bronze image before treatment.
Do. I. 2	1/2	Do.

APPENDIX VI.

Price List of Madras Government Museum Bulletins (New Series).

Natural History Section.

Note.—Orders for copies of the publications should be accompanied by remittance to cover the cost and postage. For trade terms, the Superintendent, Government Press, Madras, should be addressed.

Volume and number.	Description.	Number of pages.	Number of plates.	Price. Rs. A. P.
* Vol. I, No. 1, 1927.	The Littoral Fauna of Krusadai Island in the Gulf of Manaar, with appendices on the vertebrates and plants. By various authors.	196	26	8 0 0
† Vol. I, No. 2, Part 1, 1930.	Supplement to the Littoral Fauna of Krusadai Island in the Gulf of Manaar—Polychæta by P. Fauvel, Pycnogonida by B. Sundara Raj, and Alpheidæ by F. H. Gravely.	79	1	2 0 0
† Vol. I, No. 2, Part 2, 1931.	Three Species of Alcyonaria. By Sydney J. Hickson, F.R.S. (with three text figures).	9	Nil.	0 4 0
† Vol. I, No. 2, Part 3, 1936.	Scyphomedusæ of Krusadai Island. By M. G. K. Menon, M.A.	9	1	0 8 0
† Vol. I, No. 2, Part 4, 1937.	Supplement to the Littoral Fauna of Krusadai Island in the Gulf of Manaar—Porifera. By M. Burton, D.SC.	58	9	1 14 0
† Vol. I, No. 2, Part 5, 1943.	The Foraminifera of Krusadai Island in the Gulf of Manaar. By C. P. Gnanamuthu, M.A., D.SC., F.Z.S.	21	4	1 6 0
* Vol. II, 1929.	The Flowering Plants of the Madras City and its immediate Neighbourhood. By P. V. Mayuranathan, B.A., Botanical Assistant, Madras Museum.	345	38	8 0 0
* Vol. III, No. 1, 1930.	The Scyphomedusæ of Madras and the neighbouring Coast. By M. G. K. Menon, M.A., Research Scholar, Madras University Zoological Laboratory.	28	3	1 2 0
Vol. III, No. 2, 1932.	The Hydromedusæ of Madras. By M. G. K. Menon, M.A.	32	3	1 2 0
Vol. III, No. 3, 1933.	The Life-Histories of Decapod Crustacea from Madras. By M. Krishna Menon, M.A.	45	10	Bound in one volume.
Vol. III, No. 4, 1933.	Sagitta of the Madras Coast. By C. C. John, M.A., D.SC.	10	1	2 6 0
Vol. III, No. 5, 1937.	Decapod Larvæ from the Madras Plankton. By M. Krishna Menon, M.A., M.SC.	55	9	1 14 0
Vol. III, No. 6, 1940.	Decapod Larvæ from the Madras Plankton—II. By M. Krishna Menon, M.A., M.SC.	47	8	1 8 0
Vol. IV, No. 1, 1931.	The Indian Species of Genus Caralluma (Fam. Ascepiadaceæ). By F. H. Gravely, D.SC., and P. V. Mayuranathan, B.A., Government Museum, Madras.	28	4	1 8 0

* Volumes ready for binding. Title page and list of contents separately issued.
† This number is reserved for supplements to Krusadai Island Fauna.

Volume and number.	Description.	Number of pages.	Number of plates.	Price. Rs. A. P.
Vol. IV, No. 2, 1938.	Supplement to the Flowering Plants of Madras City and its immediate Neighbourhood. By E. Barnes, D.SC.	46	7	1 10 0
* Vol. V, No. 1, 1941.	Shells and other Animal Remains found on the Madras Beach. I. Groups other than snails, etc. By F. H. Gravely, D.SC.	112	Nil.	3 2 0
* Vol. V, No. 2, 1942.	Shells and other Animal Remains found on the Madras Beach. II. Snails, etc. (Mollusca Gastrapoda). By F. H. Gravely, D.SC.	110	Nil.	2 12 0
	General Section.			
* Vol. I, No. 1, 1929.	Buddhist Sculptures from a Stupa near Goli village, Guntur district. By T. N. Ramachandran, M.A.	44	4	2 12 0
* Vol. I, No. 2, 1932.	Catalogue of the South Indian Hindu Metal Images in the Madras Government Museum. By F. H. Gravely, D.SC., and T. N. Ramachandran, M.A.	144	23	5 8 0
* Vol. I, No. 3, 1934.	Tiruparuttikundram and its Temples, with appendices on Jaina units of measurement and time, cosmology and classification of souls. By T. N. Ramachandran, M.A.	260	37	11 4 0
* Vol. II, No. 1, 1930.	The Adichanallur skulls. By S. Zuckerman, M.A., M.R.C.S., L.R.C.P., with Notes by Prof. G. Elliot Smith, F.R.S.	24	3	1 6 0
* Vol. II, No. 2, 1931.	The Sri Vaishnava Brahmans. By Diwan Bahadur K. Rangachari, M.A., L.T.	158	12	5 12 0
* Vol. II, No. 3, 1931.	Catalogue of the Musical Instruments exhibited in the Government Museum, Madras. By P. Sambamurthi, B.A., B.L.	25	9	2 8 0
* Vol. II, No. 4, 1937.	Social and Physical Anthropology of the Nayadis of Malabar. By A. Aiyappan, M.A.	141	12	3 2 0
Vol. III, No. 1, 1934.	The Three Main Styles of Temple Architecture recognized by the Silpasastras. By F. H. Gravely, D.SC., and T. N. Ramachandran, M.A.	26	2	1 0 0
Vol. III, No. 2, 1936.	An Outline of Indian Temple Architecture. By F. H. Gravely, D.SC.	23	1	0 12 0
Vol. III, No. 3, 1938.	Catalogue of Venetian Coins in the Madras Government Museum. By T. G. Aravamuthan, M.A., B.L.	59	1	1 8 0
1939	Guide to the Archæological Galleries. An Introduction to South Indian Temple Architecture and Sculpture. By F. H. Gravely, D.SC., and C. Sivaramamurti, M.A., and other Curators.	48	4	1 0 0
1939	Illustrations of Indian Sculpture—Mostly Southern. For use with the Guide to the Archæological Galleries. By F. H. Gravely, D.SC., and C. Sivaramamurti, M.A.	..	45	1 8 0
* Vol. IV, 1942.	Amaravati Sculptures in the Madras Government Museum. By C. Sivaramamurti, M.A.	376	65	14 8 0
Vol. I, No. 1, 1944.	Iravas and Culture Change. By A. Aiyappan, M.A., PH.D.	204	11	16 10 0

* Volumes ready for binding. Title page and list of contents separately issued.

APPENDIX VII.

Receipts and Expenditure.

Government Museum.

A. Receipts.

	Rs.
Sale of coins	..
Sale of photo-prints and picture post cards	56
Sale of publications	758
Rent for the use of the Museum Theatre	1,305
Overtime fee for the Theatre caretaker	144
Miscellaneous receipts	508
Total ..	2,771

B. Expenditure.

Pay of Officers—Voted—	
Officiating Superintendent and Associate Librarian	5,910
Pay of Establishment—	
Curators, Zoological, Botanical, Anthropological, Archæological and Chemical Conservation Sections, Head Clerk and Cash-keeper, Store-keeper, 4 clerks, senior and second taxidermists, photographer, theatre caretaker, printer, 7 attenders, 1 daffadar and 37 peons	27,458
Other Charges—Voted—	
Rates and Taxes	13,211
Travelling allowances	983
Other compensatory	1,912
Dearness and War allowances	15,730
Pay of menials	2,130
Furniture and fittings	2,238
Apparatus and materials	1,017
Cost of specimens	1,074
Other contingencies	6,388
Dearness allowances to menials	3,660
Total ..	81,711

THE CONNEMARA PUBLIC LIBRARY.

The total number of books added to the Library during the year, apart from periodicals, was 619. The supply of periodicals from outside India became regular during the year under review.

The number of institutions sending their journals in exchange for the Museum Bulletin was 239 and the number of different journals received from those institutions was 399. The number of standard works sent by them was 18. The receipt of exchange journals was more regular than in the previous year due to the easing of transport facilities. One institution, viz., Science Museum, South Kensington, was removed from the exchange list.

Three new periodicals, viz., (1) Indian Finance, (2) Industrial Chemist and Chemical Manufacturer and (3) Constituent Assembly Debates were subscribed for during the year.

The number of books bought from the grant for standard works in different subjects are as follows: Generalia 9, General Science 5, Mathematics 9, Astronomy 5, Meteorology 1, Administration 3, Engineering 12, Physics 8, Chemistry 6, Mineralogy 1, Geology 1, Natural History 9, Botany 5, Agriculture 15, Medicine 18, Archæology 6, Philosophy 20, Psychology 10, Religion 9, Anthropology 8, Sociology 31, Economics 24, Politics 28, Law 7, Education 14, Literature 70, History 62, Geography 7, Amusements 3, Fine Art 9, Useful Arts and Industry 14, Library Science 3 and Biography 44.

Classification and cataloguing.—All the new books and periodicals received during the year were classified and catalogued under their respective subjects. Classification of Parliamentary Papers was continued during the year.

Consultation and loan.—The number of visitors who visited the Library during the year was 59,515 as compared with 52,289 of the previous year and the number of volumes consulted was 178,545 as compared with 157,140 of the previous year. The number of volumes lent to the residents in the City and its vicinity during the year was 50,074. The number of volumes lent to the mufassal libraries during the year was 32. The total number of depositors at the close of the year was 4,631, the number of new depositors during the year being 472 and the average daily number on the books was 1,628 as compared with 1,423 of the previous year.

Binding and mending of books.—All binding and re-binding work during the year was done by the Government Press. All minor mending of books were attended to in the Library.

MADRAS,
7th May 1947.

R. JANARDHANAM,
Librarian, Connemara Public Library.

APPENDIX

A. Receipts.

	Rs.	A.	P.
Fines on books overdue	381	10	0
Catalogue sales	12	8	0
Mufassal Library Charges	5	0	0
Total	399	2	0

B. Expenditure.

Pay of Officers—Voted—			
Librarian	9,286	11	0
Pay of Establishment—Voted—			
Sub-Librarian, Accountant, Technical Section Clerk, 2 clerks, 6 assistants, 2 attenders and 8 peons	11,715	0	0
Other Charges—Voted—			
Other compensatory	714	13	0
Dearness allowance	7,285	10	0
Furniture and fittings	48	8	0
Books and periodicals	7,216	14	0
Other contingencies	886	12	3
Dearness allowance to menials	454	6	0
Total	37,608	10	3

MADRAS: PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS—1947

From
Sri A. Aiyappan, M.A., Ph.D.,
Superintendent,
Government Museum, Madras, 8.

To
The Secretary to Government,
Education and Public Health Department,
Madras.

No. 1490-1/47 dated, 2nd June 1947.

Sir,

Sub: Museum- Government and Connemara Public Library - Administration Report- 1946-47- Submission of -

Ref. Memorandum No.24950-1 G2 Edn., dated 17th May 1946.

46574

I have the honour to forward two copies of the typescript, one with three illustrations, of the Administration Report of the Government Museum for 1946-47 signed by myself, together with the Report relating to the Connemara Public Library signed by the Librarian. I request that the Government may be pleased to accord sanction for the printing and supply of 144 copies of the Report to this office for distribution to the institutions in India and abroad(132) and to the helpers and donors (12). These copies are ~~of~~ exclusive of those to be distributed by the Secretariat and the Government Press.

The Superintendent, Government Press

may

may be instructed to send us proofs in duplicate for correction.

I have the honour to be,
Sir,
Your most obedient servant,

A. Aiyappan
Superintendent.

Encl.

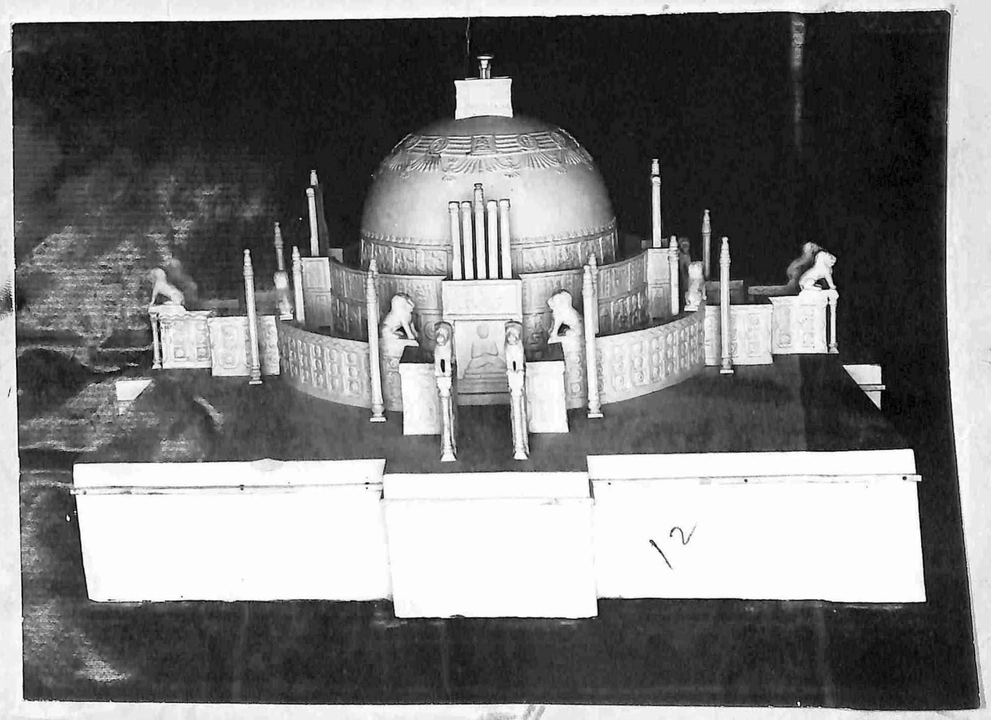


Fig. 1. Model of the Amaravati Stupa

ADMINISTRATION REPORT OF THE GOVERNMENT MUSEUM AND CONNEMARA PUBLIC LIBRARY, MADRAS, FOR THE YEAR 1946-47.

GOVERNMENT MUSEUM.

Introduction.

Apart from the work along the traditional lines, reported upon in the past, attention deserves to be drawn to three new features to which considerable time and energy were devoted during the year under report. They were (1) the efforts made, through Special Exhibitions, to make the new accessions and the older collections in the Museum better known to the public; (2) the experiments conducted with a view to make the visit to the Museum more profitable to the illiterate and semi-literate among the visitors; (3) the efforts to create interest in modern paintings.

Special Exhibitions.-- The collections already in the Museum and the additions made to them from time to time have not received in the past the publicity which they deserve. To remedy this defect, a deviation was made from the old practice to announce all notable accessions in the newspapers, and also to hold periodical special exhibitions which were preceded by popular and often illustrated accounts in the daily newspapers of the City. The following were the subjects of the special exhibitions held:-

Numismatics..	Botany.	Geology.
1. Ancient Chinese Coins.	2. Sea Forest ..	3. Beauties in Stones 4. Important Mineral Resources of India.

Archaeology & Art.	Zoology.	Anthropology.
5. Amaravati Stupa - Model.	9. Recent Zoological Accessions.	12. Ape Man of Peking

Archaeology & Art (Contd.)	Zoology (Contd.)	Anthropology (Contd.)
6. South Indian Metal Images.	10. Corals.	13. Ape Man of Java.
7. Wood Carvings.	11. Indian Insect Types.	14. South Indian Arms and Weapons.
8. Copper Plate Grants.		15. Rare Antiquities from Pondicherry Excavation.

These Exhibitions were all very popular, and brought to the Museum many interested visitors. It is, therefore, proposed to make them a regular feature of the activities of the Museum, though there is, at present, the handicap of our not having a special room for this purpose. Provision has, however, been made for it in the new buildings sanctioned in G.O. Ms.No.943 P.W.D. dated 2nd April 1946. The Special Exhibitions involve a good deal of extra work, but they are all well worth the trouble, for they enable the public to see several exhibits which we are not in a position to exhibit for want of accommodation and incidentally also to serve as a reminder of the cultural value of the Museum.

About these Exhibitions the Editor of the Journal of Scientific & Industrial Research, Delhi, wrote as follows:

"More exhibitions of this type should be organised all over India. There is need for publishing the good work of the Madras Museum so that interest may be roused in other quarters".

The Madras Information gave very wide publicity to an account of the important features of this Museum; translations of my original article in English were published in the Tamil and Malayalam editions of the Madras Information.

The problem of the illiterate visitor. - A very large proportion of the visitors to the Museum, unfortunately, happen to be illiterate and unable to read the labels in English or in Indian languages. A visit to the Museum is often the only occasion which this class of visitors have of coming in contact with higher art, history and the natural sciences.

The best way to make a visit to the Museum profitable to the illiterates and semi-literates is to have a number of guide lecturers who would explain the exhibits to the Museum but there are financial obstacles in the way. The next best device, is to have gramaphone records made of descriptions of important groups of exhibits and play them to parties of visitors. As an experimental measure, a gramaphone record was made of an account in Tamil of the Special exhibition on Corals. The Provincial Broadcasting Department installed a temporary public address system and this record was played to small groups of visitors, and their reactions were carefully watched by me and the scientific staff. It became very clear to us that the visitors, including even literate persons, found this very useful and instructive. Proposals have been sent up to Government for the initial installation of the public address system in the archaeological galleries.

Exhibition of S.Indian Paintings.- The first exhibition of paintings organised by the Society of South Indian Society of Painters (of which in G.O. Ms. No. 670 Edn., dated 27th March 1946 Government permitted me to be the Honorary Secretary) was held in the Oriental Manuscripts Library Hall in the Museum Buildings on 7th December 1946. The exhibition was well arranged and lighted in the very best style with fluorescent lights. It was opened by H.E. the Governor. The exhibition was visited by the Hon'ble ministers for Education and Law. It was acclaimed to be best the exhibition of paintings held so far in Madras. The help given by the Museum to this non-official Society was not without benefit to us. It enabled us to buy pictures for the Museum and indirectly be instrumental in raising the level of art appreciation, which is badly needed.

Number of visitors. - The total number of visitors to th Museum during the year was 3,93,151 including 43,39

Dwadasi and Kannupongal days. The average number of visitors for the five years, 1932-1937, excluding Dwadasi & Kannupongal days, was 304,091. The figure for 1946-47, excluding these two days is 3,49,754. This means that on normal days there were more visitors coming to the Museum during the year under report than during the pre-war years.

Notable Accessions.- A very impressive-looking model of the Amaravati Stupa (fig.1) was added to the Buddhist galleries. This model enables the visitor to visualise the grand monument of the Satavahana epoch (2nd century B.C. to 2nd Century A.D.) of which practically nothing remains at the site and the fragments in the Madras Museum are the only survivals.

Another interesting accession is a hoard of 1398 silver denarii of Emperors Augustus and Tiberius, acquired as Treasure Trove from the Coimbatore. Not only is this hoard one of the largest ever discovered, but the coins on cleaning were found to be in very excellent condition..

A stone head believed to be a portrait sculpture of Krishnadeva Raya of Vijayanagar (fig.3), and Egyptian Shawabti figure with hieroglyphics (fig.2), a travelling desk of the East India Company days, kindly presented by Mr. A.R.C. Westlake , are among other interesting new accessions.

Work in the Scientific Sections.

Zoology. -- The following were among the additions to the collections:- a young specimen of saw fish, a plaster model of which was prepared and exhibited in the gallery; two specimens of land tortoises (Testudo and Geomyda) which were received from Lt.Jagan Mohan from Sechylles Islands; a small specimen of the spotted crake (Porzana mauretta); a number of skins of wild ducks shot at Trivellore, presented by Mr. H.G. Lumsden; two young specimens of the Coecilian, Ichthyophis monochrous, collected from Kambakkam; a fine specimen of the tesselated eel, Muraena tessellata new to the collection and collected by the Curator at Pamban and

which was later mounted and exhibited in the gallery. In addition to these specimens, a number of insects, molluscs and corals specimens were collected and added to the reserve collection.

The following collection of birds and mammals were were stuffed and rolled for use in the galleries and as reserve collection:-

Four albino rats, four field rats, two spotted doves, one ring dove, one spotted owlet, one wood pecker, one hoopoe, one golden oriole and two blue jays.

The systematic work on Gastropods of Krusadai Island was completed and the typescript together with the plates of illustrations were got ready for the press, to be published as a Museum Bulletin. A paper describing a new species of a Pleurobranch from Pamban was published by the Curator in the Proceedings of the Malacological Society, London.

A collection tour to Krusadai Island was undertaken by the Curator in September and a number of invertebrates and fish specimens were collected and added to our existing reserve collections.

During the year three special exhibitions were arranged; the first comprised a few recent additions to the gallery such as red winged Cuckoo, Saw fish, six-armed star fish, growth series of the feather shell and Coecilians; the second comprised a series of corals, many of which were newly mounted and displayed for exhibition with descriptive labels. The third exhibition consisted of a series of introductory exhibits for the insect gallery illustrating various features of insect life. All these exhibits are now being placed on permanent exhibition in the galleries. Several photographs were also incidentally prepared and mounted for exhibition.

In November the Curator visited the Prince of Wales Museum at Bombay and studied the general methods of preparation and display of Museum exhibits. A detailed study of the methods of casing, labelling and presentation of the various exhibits was undertaken by the Curator.

The work of refilling, bladdering and painting of gallery specimens, the systematic cleaning of all the gallery exhibit cases and their treatment with preservatives and insecticides, and the preparation of new labels and the changing of old and faded labels, are in progress.

In January the Curator left for the U.S.A. on deputation for the study of museum methods in Natural History at the American Museum of Natural History, ~~Shicago~~ New York, handing over charge of the zoological section to the Curator for Anthropology.

ANTHROPOLOGY AND PREHISTORY. -- A new exhibit of two leather shadow play figures representing a deer and a tiger from Cuddapah district has been put up in a new show case. Repairs to the sloping exhibit cases in the prehistoric galleries are in progress. The Lambadi figure has been painted anew by an artist recommended by the Principal, School of Arts, and arrangements have been made for the purchase of a new set of dress and ornaments for the model which will be exhibited as soon as it is got ready.

A few paintings of Gadabas and Porojas by the State Artist of Jeypore and a very interesting replica of a sword belt in the possession of the Maharajah of Jeypore were presented to this Museum by the Maharajah.

The leather shadow play figures in the museum most of which are from Malabar and which depict scenes and characters from the Ramayana and were given preservative treatment. Two of them, Sugriva and Sri Rama, have been sent to the American Museum of Natural History ~~Chicago~~ for exchange purposes.

A pair of Persian Giva or Malaki (Shoes) was acquired by purchase from Miss C.R.Dunhill of Kilpauk.

Three iron implements (one axehead, one spear head and one crescentic plate) were acquired from a Treasure Trove find in Kuzimanna amsom, Ernad Taluk.

A collection of Ethnographic materials of the Koyas, Gadabas, Kurumans and Kare Kudubis was made by the Superintendent during his tours on the Special Committee for enquiry regarding the conditions of the Aboriginal tribes of this Province.

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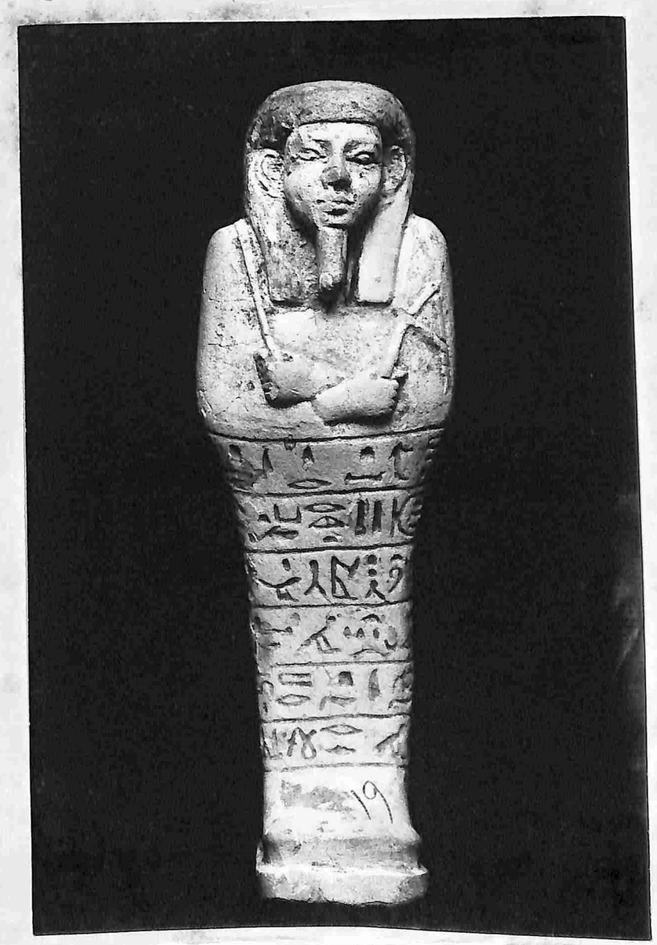


Fig. 2. Egyptian Shawabti figure.

(1078)
Tuve

Four Special Exhibitions were held by this section:-

1. The Ape Man of Peking: His tools and ornaments.
2. The Ape Man of Java: His stone implements.
3. Some Rare South Indian Weapons.
4. Antiquities from Recent Excavations in Pondicherry.

The Curator is continuing his work on Palmar Dermatoglyphics.

The Curator made a tour of the Kolli Hills of the Salem District and made some observations regarding the social and physical anthropology of the Kolli Malayalis.

The Curator was on tour to New Delhi in charge of the exhibits loaned by the Museum for the Special Exhibition at the Central Asian Antiquities Museum arranged for the Asian Relations Conference.

A number of typical South Indian Stone implements and some interesting South Indian Arms were loaned and facilities afforded for making enlargements of a representative collection of the photographs of the Aboriginal Tribes of South India for exhibition at the Harijan Industrial School Benefit Exhibition.

ARCHAEOLOGY AND ART. — During the year the labelling and reorganisation of the exhibits were continued. Some of the bronzes affected by "bronze disease" have been got cleaned. A number of wood carvings, were treated with "Ascu" and were re-arranged and fixed in better places enabling the visitors to see the details of the carvings properly.

At the instance of the Government, the famous Tiruvelangadu Natesa was removed to a case with glass on all its four sides, in the centre of the Vaishnavite gallery, thus enabling the visitors to have a complete view of the image including its back. The case has been provided with a wooden barricade.

During the year, a group of images consisting of Vishnu, Sridevi, and Bhudevi from Kilayur, Negapatam taluk, Tanjore District was acquired from Treasure Trove finds.

Other notable additions to the collections are:

1) an image of Jyestha devi and a tablet with trisula carvings - both of them presented by the Trustees of Valeeswarar kovil, Mylapore, Madras.

2) a plaster cast model of the Amaravati stupa, purchased from the Prince of Wales Museum, Bombay; (fig. 3)

3) head of Krishnadevaraya in stone, given on loan by Dr. N. Venkataramanayya, University of Madras;

4) an Egyptian Shawabti figure with hieroglyphics on it, received from the office of the Commissioner for Archaeology and Anthropology, Sudan, in exchange for some of our anthropological exhibits; (fig 2)

5) a travelling desk consisting of two pieces, presented by Mr. A.R.C. Westlake, C.I.E., I.C.S., Madras; and

6-7) two paintings "Devotion" and "Ancient School of Meditation" by Mr. Dorawamy, purchased;

8) a stone image of Vishnu from Natteri village, Cheyyar Taluk, North Arcot District, received from the Collector, North Arcot District as a treasure trove find;

9) A copy of "Mother and Child" from the original painting found at Ajanta caves, purchased from Hyderabad (Dn.)

10) A copy of "Apsaras" from the original painting found at Ajanta caves, purchased from Hyderabad (Dn);

11) A single copper plate grant, received from the Govt. Epigraphist for India, for deposit in the Museum.

The Curator went on tour to Mahabalipuram to study the sculptures of that place during February '47. In March '47 he went to Wandiwash to inspect some treasure trove images kept in the Taluk office there. He visited Mangadu and Pattu in

in connection with the insepction of stone sculptures. There were five special exhibition of exhibits recently acquired and of rare workmanship. The plastercast model of the Amaravati Stupa, some unique bronzes, some wood carvings from a temple car, some selected copper plate grants and an image of Natesa acquired from Semangalam, Tanjore District were, in order exhibited, at regular intervals.

BOTANY AND GEOLOGY. — Following the appointment of Mr. K.S. Srinivasan, M.Sc., as the Officer on Special Duty, Industrial Section, Indian Museum, Calcutta, Mr. M.S. Chandrasekhar, B.Sc., who has rendered "War Service", was appointed as the Curator in charge of Botany and Geology Sections.

A number of medicinal plants were obtained from the local market. Specimens of Pyrethrum were obtained from the Pyrethrum Plantation Officer, Nilgiris. Pandanus, fibre articles, mats, tobacco and its products, were procured. The following specimens of wood were obtained from the Utilisation Officer, Forest Research Institute, Dehra Dun. Babul, Rose-wood, Haldu, Sal, Blue-pine, Deodar, Gurjun, Semul, Spruce, Sandan, Kanju, Gamari, Jaman, Salai, Aesle-wood, Laurel, Kokko, Mulberry, Jarul, Teak, Toon, Bijisal, Sissoo, Mango and Poon.

Raw materials, used in the manufature of paper, were procured from the Secretary, All India Village Industries Association, Wardha. Photographs and specimens relating to Coir Industry were presented by the Alleppey Co., Ltd., Alleppey. The following specimens were presented by the Mycology Section of the Agricultural Research Institute, Coimbatore: Pink disease of Sugarcane, Red rot of Sugarcane, Orobanche on Tobacco, Volvaria diplasia, Ganoderma lucidum, Ergot on Rye, Bud-rot of Coconut, Bud-rot of Palmyrah, Blister Blight of Tea, Hemileia on Coffee and Blast of Paddy.

Dr. A. Anantanarayana Iyer, Anatomy Department, Medical College, Madras, presented a few specimens of Ephedra vulgaris which is the so-called "Soma Plant" of the Vedic days.

Samples of forty-eight different strains of paddy, and a bark of Antiaris toxicaria, were sent to the Indian Museum, Calcutta, on their application for the same.

The re-organization and over-hauling of the Botany gallery were continued this year. Efforts are being made to complete the ecology cases and the Madras City Flora. Prominent wooden labels have been fixed to the showcases in the Economic Botany gallery, indicating the heads under which the groups of exhibits fall.

The Curator undertook a tour to Coimbatore, and studied the museum work of the Agricultural and the Forest Colleges; and visited the Madras Herbarium, the Agricultural Research Institute, the Imerial Sugarcane Research Station, the Kallar Fruit Farm, and the Associated Cement Co.,Ltd. Madhukarai.

The special exhibition conducted in Botany, was the "Sea Forests" comprising of ~~the~~ sea-weeds of the Madras Coast, with notes on their economic importance.

The re-organisation of the Geology gallery is being pursued.

A model of the meteorite which fell at Valudavur village, S.Arcot District, was obtained from the Director, Geological Survey of India. A lithographic stone was presented by the Raja Lithoworks, Sivakasi. One photographic print of Prehistoric Mammoths painting by C.R.Knight, was obtained from the American Museum of Natural History, New York. Sample specimens of limestone, clay, gypsum and cement were presented by the Associated Cement Co., Ltd. Madhukarai. Photographs relating to the manufacture of cement, are also expected from the same company.

The special exhibitions conducted in Geology were-

1). "Beauties in Stones" and
2. "India's Valuable Mineral Resources".

NUMISMATICS. —

CHEMICAL CONSERVATION. - The treatment of four bronzes has been completed and the cleaning of a further lot of four is progressing.

A treasure trove find of about 1400 silver coins from Coimbatore District and a lot of 1000 lead coins were cleaned.

Numismatics.- This section was without a Curator till the appointment of Prof.T.Balakrishnan Nayar, Professor of Indian History in the Presidency College, as Part-time Curator for Numismatics in March 1947.

The accessions to the collection were 14 gold, 1415 (plus 9 pieces) silver and 12 copper coins. The silver coins except 17, were all ~~silver~~ coins of the Roman Emperors Augustus and Tiberius from a hoard discovered in the Coimbatore District.

Chemical Conservation.- The treatment of four bronzes has been completed and the cleaning of a further lot of four is progressing.

A treasure trove find of about 1400 silver coins from Coimbatore District and a lot of 1000 lead coins were cleaned.

Training & Research Facilities.

The Artist deputed by the Travancore State Museum is undergoing training in museology in this Museum. The newly appointed Curator of the Travancore Art Museum, Miss. K. Rajamma was also deputed here for training for a period of two months.

Facilities for research on the megalithic pottery of the Coimbatore District were afforded to Mr. Trilokanath Khazanchi, State Archaeologist of Kashmir, on the recommendation of the Director-General of Archaeology, Archaeological Survey of India.

Publications.

The Guide to the Archaeological Galleries and the Handy Guide to the Museum in English, Tamil and Telugu were reprinted. The Government have sanctioned the printing of a brief guide book for the Buddhist galleries. This guide is under preparation.

Educational Work.

Demonstrations to Teachers.- 83 teachers belonging to 19 Indian High Schools, 1 European High School & and 1 European Middle School (including 5 girls high schools) attended the Demonstrations.

Organised visits to the Museum. - Pupils from 6 Colleges 154 ~~High~~ Schools of the City and 14 schools from the mufassal were brought to the Museum by their teachers, the total number of pupils being 7042 and of teachers 287.

Invitations to visit the Museum were sent out to the Principals of the City Colleges. The Principal and professors of the Vivekananda College were shown round the Museum which they visited in response to this invitation.

Radio Talks.- The Superintendent gave Radio Talks on Archaeology for the troops and on Anthropology for High Schools.

Other Activities.

I was appointed a member of the Aboriginal Tribes Welfare Enquiry Committee constituted by Government by G.O. No.Ms.2516 Public (Political) dated 19th November 1946 to investigate into the conditions of the aboriginal tribes of the Madras Province. During the tours of the Committee, it became possible to collect ethnographic objects for the Museum and to gather useful scientific information.

On the orders of Government, I also gave evidence before the Sub-Committee of the Constituent Assembly for Excluded and Partially Excluded Areas.

I continued to be the Editor of the Journal of Indian Museums.

A. Aiyappan 21-5-47
Superintendent,
Government Museum, Madras

31st May 1947.

ADMINISTRATION REPORT OF THE CONNEMARA PUBLIC LIBRARY FOR 1946 - 1947.

The total number of books added to the Library during the year, apart from periodicals, was 619. The supply of periodicals from outside India became regular during the year under review.

The number of Institutions sending their journals in exchange for the Museum Bulletin was 239 and the number of different journals received from those institutions was 399. The number of standard works sent by them was 18. The receipt of exchange journals was more regular than the previous year due to the easing of transport facilities. One institution, viz., Science Museum, South Kensigton was removed from the exchange list.

Three new periodicals, viz., (1) Indian Finance, (2) Industrial Chemist and Chemical Manufacturer and (3) Constituent Assembly Debates were subscribed for during the year.

The number of books bought from the grant for Standard Works in different subjects are as follows:- Generalia 9, General Science 5, Mathematics 9, Astronomy 5, Meteorology 1, Administration 3, Engineering 12, Physics 8, Chemistry 6, Mineralogy 1, Geology 1, Natural History 9, Botany 5, Agriculture 15, Medicine 18, Archaeology 6, Philosophy 20, Psychology 10, Religion 9, Anthropology 8, Sociology 31, Economics 24, Politics 28, Law 7, Education 14, Literature 70, History 62, Geography 7, Amusements 3, Fine Art 9, Useful Arts and Industry 14, Library Science 3, and Biography 44.

CLASSIFICATION AND CATALOGUING.

All the new books and periodicals received during the year were classified and catalogued under their respective subjects. Classification of Parliamentary Papers was continued during the year.

CONSULTATION AND LOAN.

The number of visitors who visited the Library during the year was 59,515 as compared with 52,289 of the previous year and the number of volumes consulted was 178,545 as compared with 157,140 of the previous year. The number of volumes lent to the residents in the city and its vicinity during the year was 50,074. The number of volumes lent to the mofussil libraries during the year was 32. The total number of depositors at the close of the year was 4,631, the number of new depositors during the year being 472 and the average daily number on the books was 1,628 as compared with 1,423 of the previous year.

BINDING AND MENDING OF BOOKS.

All binding and rebinding work during the year was done by the Government Press. All minor mending of books were attended to in the Library.

7th May 1947.

R. Janardhanan
(7. V. 1947)
LIBRARIAN,
CONNEMARA PUBLIC LIBRARY.

(P.T.O.)

APPENDIX.

A. Receipts.

	Rs.	As.	Ps.
Fines on Books Overdue.	381	10	0
Catalogue Sales.	12	8	0
Moffussil Library Charges.	5	0	0
Total	Rs. 399	2	0

B. Expenditure.

Pay of Officers - Voted			
Librarian.	9,286	11	0
Pay of Establishment - Voted			
Sub-Librarian, Accountant, Technical Section Clerk, 2 Clerks, 6 Assistants, 2 Attenders and 8 Peons.	11,715	0	0
Other Charges - Voted-			
Other Compensatory.	714	13	0
Dearness Allowance	7,285	10	0
Furniture and Fittings	48	8	0
Books and Periodicals	7,216	14	0
Other Contingencies	886	12	0
Dearness Allowance to Menials	454	6	0
Total	Rs. 37,608	10	3

(7.V.1947)

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APPENDIX 1.

A.- COMPLETE LIST FOR THE YEAR OF TREASURE TROVE COINS IN THE MADRAS PROVINCE.

Accession Number.	Particulars.	Metal.	Number found.	Number recovered.	Number acquired.
803	CHITTOOR district, Madanapalle taluk, Tsowkillavarripalle village. Found on 16th October 1945 in S.No.35/2. Vijayanagara Harihara-Bukkavarahas	Gold	14	14	14
804	SALEM district, Tiruchengode taluk, Konasamudram village. Reported on 21st January 1945 that the coins were found while excavating earth in the backyard of the house of the two persons. Haidar Ali-Rupees	Silver	30	30	17
805	RAMNAD district and taluk, Sea cost near Theerthakarai Found on 10th & 20th November 1944 by two persons in a cocoanut garden. Chola, Vijayanagara, Pandyan & Delhi Sultans.	Copper	27	27	12
806	COIMBATORE district, Udamalpet taluk, North Budinatham village. Found on 11th February 1946 by one person in S.No.208. Roman.--- ----	Silver	1398 & 9 broken coins	1398 & 9 broken coins	1398 & 9 broken coins
	COIMBATORE district, Palladam taluk, Begampatti village. Found on 27th November 1945 in S.No.66 by 16 persons. Viraraya fanams.----	Gold	1295	1295	-
	MALABAR district, Ponnani taluk, Pookode Amsom. Found in the month of October 1945 in a garden in S.No. 78-7 by three perons. Modern- Rupees, Nickles & Coppers.	Silver Nickles Copper	364 6 2	364 6 2	- - -
	MADURA district, Periyakulam taluk, Cumbum village. Found on 10th July 1946 while digging in S.No.1581-2 by four persons. Viraraya fanams.	Gold	66	66	-

COIMBATORE district, Avanashi taluk, Jadayampaliam village. Found on 13th March 1946 in S.No. 81 by three persons. Viraraya fanams.	Gold	500	500	-
	Copper	1	1	-
ANANTAPUR district, Kadiri taluk, Dhanayan Cheruvu village. Found on 30th August 1945 while pulling down the stones from a fallen wall by two persons. Queen Victoria & Empress coins.	Silver	29	29	-

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22-Plate 33

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APPENDIX II.

LIST OF TREASURE TROVE FROM THE MADRAS PROVINCE, COINS EXCEPTED.

1. TANJORE district, Nagapatam taluk, Kilayur village -

   (a) Vishnu, in bronze, standing on padmapitha over bhadrapitha carrying discus and conch in upper hands, the lower right in abhaya and the lower left in katyavalambita pose. Wears usual ornaments. May be an early image. The left upper hand fingers holding the conch are broken and the left lower hand lower finger is also broken.

   (b) Sridevi, in bronze, wearing karandamakuta and usual jewels and kuchabanda. Left hand in the posture of carrying lotus and the right in lola. Stands on padmapitha over bhadrapitha. The Sirascakra is missing.

   (c) Bhudevi, in bronze, similar to Sridevi but without kuchabandha. Right hand in the posture of carrying lily and the left in lola. Stands on padmapitha over bhadrapitha. - Acquired.

2. NORTH ARCOT district, Cheyyar taluk, Natteri village-
   Vishnu, standing with usual emblems in his hands. It is profusely ornamented. and features are not good. May be a modern image. - Acquired.

3. CUDDAPAH district, Rayachoti taluk, Dadepalli village -
   Two gold pieces and one brass piece - Not acquired.

4. CUDDAPAH district, Sidhout taluk, Rachayapet village-
   Three pieces of gold ear rings, two thin gold wristlets and one piece of thin sheet of gold- Not acquired.

5. KISTNA district, Nandigama taluk, Penuganchiprole village -
   A small silver vaddanam, a pair of silver hollow pieces, a broken hollow silver anklet and five small pieces of gold- Not acquired.

6. SALEM district, Salem taluk, Hasthampatti)(Johnsonpet) village-
   Seven gold clover shaped plates, and Nine gold conical ornaments and cylinderical gold ornaments with inside lac. Only two gold leaf shaped ornaments. Acquired.

7. TINNEVELLY district, Nanguneri taluk, Achambadi village-
   One Ruby stone. Not acquired

8. NORTH ARCOT district, Arkonam taluk, Uriyaur village-
   Silver, gold, Silver Thayat, Nellikamani, One silver ornament and two gold mani and one small beaten leaf-
   Not acquired.

9. TRICHINOPOLY district, Karur taluk, Elamanur village-
   One kodi in two pieces with one thali, gold karai with a thali, and gold poochi-koodu one pair--Not acquired.

10. MALABAR district. Ernad taluk, Kuzhimanna Amsom,
    One rusty axe six inches in length,
    A piece of iron broken, like the point of spear, and
    A piece of iron which plate - portion of a helmet (?)



← Same size →

Fig. 3. Head of Krishnadeva Raya — Stone.

APPENDIX. III.

OTHER NOTABLE ADDITIONS TO THE COLLECTION.

1. Single copper plate grant in Telugu by a number of people beginning with Addangi Narasappa garu recording their grant of lands to some temples of Nagaraswara, Vighneswara etc. in the place Addanki. It also mentions that the property should be utilised properly for the performance of daily pujas in those temples. In this connection probably the names of some Archakas are also introduced. One of them is Dakshinamurti Ayyagaru.

2. (a) Image of Jyesthadevi in stone. Seated with Gowtamee beside her flanked by her son and beautiful daughter. Presented by the trustees of Sri Valeeswaran Koil, Mylapore, Madras.

   (b) A square tablet with five Sivalingas on the top and carvings of trisulas on all its four sides. Probably a slab intended for making boundaries. Presented by the trustees of Valeeswaran Koil, Mylapore, Madras.

3. Plaster cast model of the Amaravati Stupa - Purchased from the Prince of Wales Museum, Bombay.

4. One hundred and ninety lantern slides- Received from the District Magistrate, Guntur, for storing.

5. Head of Krishna Devaraya, in stone, with mustache broken but plastered with cement. This has striking resemblace to ~~that of~~ the bronze image of the king at Tirupati. Loaned by Dr. N. Venkataramnayya, Retired Reader, Madras University.

6. An Egyptian Shawabti figure with hieroglyphics on it. Received from the Office of the Commissioner of Archaeology and Anthropology, Sudan, as an exchange.

7. A travelling desk consisting of two pieces (1) a chest about 2' x 1'6" x1' which opens out to form a writing table. It contains a number of ingeniously contrived drawers and pigeon holes. (2) a stand about 2' high with fluted legs. Presented by Mr. A.R.C. Westlake C.I.E., I.C.S., Madras.

8. (a) "Devotion "a painting by Mr. Doraiswamy - Purchased.

   (b) "Ancient School of Meditation " a painting by Mr. Doraiswamy - Purchased.

9. (a) Copy of Ajanta paintings " Mother & Child " Purchased from the Archaeological Department, Hyderabad, Size 61½" x 24". ~~(Original)~~

   (b) Copy of Ajanta paintings "Apsaras" Purchased from the Archaeological Department Hyderabad, Size 35" x 35". ~~(Original)~~

10. A pair of Persian Giva or Malaki (Shoes) - Purchased fro Miss C.R. Dunhill of Kilpauk.

11. Ethnographic materials of Koya Tribe.

    Bison horn dance head dress, Bird trap, Bow and Arrows Gourd water bottle and ladle, knife also used as razor and drum. Collected by Superintendent on tour.

12. Cloth and Jabra Bark fibre used for making cloth, of the Gadabas of Vizagapatam. Collected by Superintendent ~~on tour.~~

13. Spear head of 10' long spear sued by the Kurumans of Wynad for tiger hunting - Collected by Superintendent ~~on tour~~.

14. Drum of Kare Kudubi tribe of Mangalore with Varanus skin - Collected by Superintendent. ~~on tour.~~

15. Iron implements for sampling grain from gunny bags prendented by Mr. Oraganti Kanakayya Naidu, Mirasader, Sivakasi.

APPENDIX IV

Visitors, Staff, etc.

Visitors to the Museum.-

	1945-46	1946-47.
Total number of visitors..	274,140	393,151.
Total number on Sundays..	66,710.	88,945.
Total number on Gosha days..	1,887	2,354
Attendance on Dwadesi day..	6,042	13,267
Attendance on Kannupongal day..	21,100	30,130

Contd next page

Staff. — Dr. A.Aiyappan continued as Officiating Superintendent and Associate Librarian throughout the year. Mr. M.S.Malumiar, Personal Assistant to the Superintendent was on other duty as Offg. Superintendent, Education and Public Health Secretariat, from 20th September 1946 to 20th March 1947. Mr.S.T.Satyamurti, Curator, Zoological Section whose deputation for study purposes to the United Kingdom and the United States of America was sanctioned by Government, left for training at the U.S.A during January 1947. His section ~~work~~ is now being looked after by Sri C. J. Jayadev, Curator, Anthropological Section in addition to his own duties. Sri K.S. Srinivasan, Curator, Botany section, who was appointed as Officer on Special duty in the Industrial section, Indian Museum, Calcutta, left this Museum on 31st December 1946 and his place was taken up here by Sri M.S. Chandrasekhar, a war service candidate, from 1st January 1947. Sri T.Balakrishnan Nair, Professor of Indian History, Presidency College, Madras was appointed by Government as part-time Curator of the Numismatic section ~~here~~ and he took charge of his part-time post from 1st March 1947. Sri D. Rajagopala Ayyangar, former Head Clerk of this office who retired from service in 1945, was, with the ~~permission~~ previous sanction of the Government, re-employed in this office as a Lower Division Clerk for a period of 11 months from May 1946. He relinquished his officiating post early in April 1947.

Photographic work. —

The photographer was chiefly engaged in taking prints for record and sale to the public apart from negatives and lantern slides. A sum of Rs.41/- was realised by the sale of prints and Rs.15/- by sale of picure post cards as against Rs.57/- and Rs.131/- respectively during the ~~same~~ previous year. During the year under report 77 negatives, 355 bromide prints 42 enlargements and 5 lantern slides were prepared.

Tours. — Under the Orders of the Government the Superintendent toured during May 1946 to Trivandrum, Trichur and Calicut for inspection and study of the conditions of the local Museums there. The Curator, Zoological section, made a tour to Krusadai

Islands near Rameswaram in September 1946 for collecting zoological specimens. The same Curator who was permitted by Government to study the general methods of preparation of exhibits etc. at the Prince of Wales Museum, Bombay, before he left on deputation out of India to the United Kingdom and the U.S.A. for study purposes, went on a tour to Bombay during November 1946 for the said purposes and studied the museum methods for a fortnight. The Curator, Anthropological section made a tour of the Kolli Hills of the Salem District during January 1947 ~~and made some observations regarding~~ to study the social and physical anthropology of the Kolli ~~Hi~~ Malayalis. ~~The said Curator~~ He was on tour in March 1947 to New Delhi in charge of the exhibits loaned by this Museum for the Special Exhibition at the Central Asian Antiquities Museum arranged for the Asian Relations Conference. The new Curator, Botany section, undertook a tour in February 1947 to Coimbatore and studied the Museum work of the Agricultural and the Forest Colleges there. He also visited the Madras Herbarium, the Agricultural Research Institute, the Imperial Sugar Cane Research Station, the Kallar Fruit Farm and the Associated Cement Co., Ltd., Maddukarai. ~~in the said districts~~. The Curator, Archaeological section, made a short tour to Mahabalipuram in February 1947 for studying the sculptures and later in March 1947 to Wandiwash, Mangadu and Pattu near Poonamalle for the inspection of images.

Museum Theatre. The theatre was used for 133 performances exclusive of rehearsals as against 144 in the previous year. Of these 53 were free used in connection with entertainments and amenities to troops and in aid of Harijan uplift and the remaining 80 were on payment of rent. A sum of Rs.1305/- was realised as rent as against Rs. 1295 in the previous year. A sum of Rs.144/- has in addition been credited to Government as Government share of the overtime fees for the Caretaker's attendance.

22/5/47

APPENDIX-V

LIST OF PHOTO-NEGATIVES PREPARED DURING 1946-47.

Archaeological Section.

Negative No.	Size		Subject.
XXIV (9)	1/2	Wood Carving.	Dasaratha fondling Rama
XXIV (10)	1/2	-do-	Dasaratha, his queen and children.
XXIV (11)	1/2	-do-	Dasaratha's queens with the vessel containing divine payasa.
XXIV (12)	1/2	-do-	Birth of Rama and his brothers.
XXIV (13)	1/2	-do-	-- Do --
XXIV (14)	1/2	-do-	Panels from temple car.
XXIV (15)	1/2	-do-	-- Do --
XXIV (17)	1/2	Copper Plate Grant..	Tiruvelangadu Plates..
XXIV (18)	1/2	--do--	Seal of the above grant
XXIV (19)	1/2	Sculpture.. (stone)	Vinadhara Dakshinamurti
XXIV (20)	1/2	Bronzes..	Rama and Sita .
XXIV (21)	1/2	-do-	Hanuman.
XXIV (22)	1/2	-do-	Ganesa with prabha.
XXIV (23)	1/2	-do-	Chandikesvara..
XXIV (25)	1/2	Copper plate grants.	Eastern Chalukya C.P. grant.
XXIV (26)	1/2	--do--	--Do --
XXIV (27)	1/2	--do--	Vishnu Kundin C.P. grant
XXIV (28)	1/2	--do--	Seal of Nos. 25 & 26 above grants
XXIV (29)	1/2	Wood carving.	Birth of Rama & his brother.
XXIV (31)	1/2	Model..	Plaster cast of model of Amaravati Stupa
XXIII(46)	1/2	Bronze..	Siva as Kameswara.
XXIII(47)	1/2	-do- ..	Vamana , Kaumodaki Sudarsana and Kameswara.
XXIII(48)	1/2	-do- ..	Scene of Markandeya
V (2)	1/4	Sculpture(stone)	Head of Krishnadevaraya.
V (50)	1/4	Copper plate grant..	Seal with rearing lion.

***

Anthropological Section.

E. 21. 1	~~(Half)~~ 1/2.		Prof.G. J. Dubreuil
E. 21. 2	-do-	..	Capt.Biddle, Superintendent, Govt.Museum.
E. 21. 3	-do-	..	Sinanthropus.
E. 9. 39	1/4 ~~(Quarter)~~	..	Seal with Bull Motif, Mohenjo-Daro

Negative.	Size..	Subject.
E. 9. 40 ..	1/4 ~~(Quarter)~~ .	Gems and jewellery from Vellalore Treasure Trove.
E. 9. 41 ..	-do- ..	Rings and Ringstones.
E. 9. 42 ..	-do- ..	Arikamedu Beads.
E. 9. 43	-do-	
E. 9. 44	-do-	Naga Head hunters.
E. 9. 45		
E. 9. 46		
E. 9. 47	-do-	Jatayu, Shadow Play figure.
E. 21. 4	1/2 ~~(Half)~~ ..	Mandodari, Shadow Play figure
E.21. 5	-do-	Naga head hunter
E. 21. 6	-do-	Khond men
E. 21. 7	-do-	Khond women
	Zoological Section.	
Z. 5. 1 ..	1/4 ~~(Quarter)~~ ..	Model of Saw fish
Z. 5. 2 ..	-do- ..	Crested Hoopooe
Z. 5. 3 ..	-do- ..	Corals series
Z. 5. 4 ..	-do- ..	Corals series
Z. 5. 5 ..	-do- ..	Marvels of Insect life series
Z. 5. 6 ..	-do- ..	--do--
Z. 5. 7 ..	-do- ..	--do--
Z. 5. 8 ..	-do- ..	--do--
Z. 6. 1 ..	1/2 ~~(Half)~~ ...	Inspect Life history series
Z. 6. 2 ..	-do- ..	--do--
Z. 6. 3 ..	-do- ..	--do--
Z. 6. 4 ..	--do-- ..	--do--
Z. 6. 5 ..	-do-- ..	--do--
Z. 6. 6 ..	-do- ..	--do--
Z. 6. 7 ..	-do- ..	--do--
Z. 6. 8 ..	-do- ..	--do--
Z. 6. 9 ..	-do- ..	--do--
Z. 6.10 ..	-do- ..	Corals
Z. 6.11 ..	-do- ..	-do-
Z. 6.12 ..	-do- ..	-do-
Z. 6.13. ..	-do- ..	-do-
Z. 6.14 ..	-do- ..	-do-
	Chemical Conservation Section.	
Chem. I.1.	1/2 ~~(Half)~~ ..	Bronze image before treatment.
-do- I.2.	-do-	--do---

**

APPENDIX VI

PRICE LIST OF MADRAS GOVERNMENT MUSEUM BULLETINS (NEW SERIES).

Natural History Section.

Volume and number.	Description.	Number of pages.	Number of plates.	Price. RS. A. P.
* Vol. I, No. 1, 1927.	The Littoral Fauna of Krusadai Island in the Gulf of Manaar, with appendices on the vertebrates and plants. By various authors.	196	26	8 0 0
† Vol. I, No. 2, Part 1, 1930.	Supplement to the Littoral Fauna of Krusadai Island in the Gulf of Manaar—Polychæta by P. Fauvel, Pycnogonida by B. Sundara Raj, and Alpheidæ by F. H. Gravely.	79	1	2 0 0
† Vol. I, No. 2, Part 2, 1931.	Three Species of Alcyonaria. By Sydney J. Hickson, F.R.S. (with three text figures).	9	Nil.	0 4 0
† Vol. I, No. Part 3. 1936.	Scyphomedusæ of Krusadai Island. By M. G. K. Menon, M.A.	9	1	0 8 0
† Vol. I, No. 2. Part 4, 1937.	Supplement to the Littoral Fauna of Krusadai Island in the Gulf of Manaar—Porifera. By M. Burton, D.SC.	58	9	1 14 0

* Volumes ready for binding. Title page and list of contents separately issued.
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APPENDIX VI

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† Vol. I, No. 2, Part 5, 1943.	The Foraminifera of Krusadai Island in the Gulf of Manaar. By C. P. Gnanamuthu, M.A., D.SC., F.Z.S.	21	4	1 6 0
* Vol. II, 1929.	The Flowering Plants of the Madras City and its immediate Neighbourhood. By P. V. Mayuranathan, B.A., Botanical Assistant, Madras Museum.	345	38	8 0 0
* Vol. III, No. 1, 1930.	The Scyphomedusæ of Madras and the neighbouring Coast. By M. G. K. Menon, M.A., Research Scholar, Madras University Zoological Laboratory.	28	3	1 2 0
Vol. III, No. 2, 1932.	The Hydromedusæ of Madras. By M. G. K. Menon, M.A.	32	3	1 2 0
Vol. III, No. 3, 1933.	The Life-Histories of Decapod Crustacea from Madras. By M. Krishna Menon, M.A.	45	10	Bound in one volume.
Vol. III, No. 4, 1933.	Sagitta of the Madras Coast. By C. C. John, M.A., D.SC.	10	1	2 6 0
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Vol. IV, No. 1, 1931.	The Indian Species of Genus Caralluma (Fam. Ascepiadaceæ). By F. H. Gravely, D.SC., and P. V. Mayuranathan, B.A., Government Museum, Madras.	28	4	1 8 0
Vol. IV, No. 2, 1934.	Supplement to the Flowering Plants of Madras City and its immediate Neighbourhood. By E. Barnes, D.SC.	46	7	1 10 0
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* Vol. V, No. 2, 1942.	Shells and other Animal Remains found on the Madras Beach. II. Snails, etc. (Mollusca Gastrapoda). By F. H. Gravely, D.SC.	110	Nil.	2 12 0
	General Section.			
* Vol. I, No. 1, 1929.	Budhist Sculptures from a Stupa near Goli village, Guntur district. By T. N. Ramachandran, M.A.	44	4	2 12 0
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* Vol. I, No. 3, 1934.	Tiruparuttikundram and its Temples, with appendices on Jaina units of measurement and time, cosmology and classification of souls. By T. N. Ramachandran, M.A.	260	37	11 4 0
* Vol. II, No. 1, 1930.	The Adichanallur skulls. By S. Zuckerman, M.A., M.R.C.S., L.R.C.P., with Notes by Prof. G. Elliot Smith, F.R.S.	24	3	1 6 0

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1939	Guide to the Archæological Galleries. An Introduction to South Indian Temple Architecture and Sculpture. By F. H. Gravely, D.SC., and C. Sivaramamurti, M.A., and other Curators.	48	4	1 0 0
1939	Illustrations of Indian Sculpture—Mostly Southern. For use with the Guide to the Archæological Galleries. By F. H. Gravely, D.SC., and C. Sivaramamurti, M.A.	..	45	1 8 0
* Vol. IV, 1942.	Amaravati Sculptures in the Madras Government Museum. By C. Sivaramamurti, M.A.	376	65	14 8 0
Vol. V, No. 1, 1944.	Iravas and Culture Change. By A. Aiyappan, M.A., PH.D., Government Museum, Madras.	204	11	16 10 0

APPENDIX VII

RECEIPTS AND EXPENDITURE

1946-47.

Government Museum.

A. Receipts.

	Rs.
Sale of coins..	-
Sale of photo prints and picture post cards..	56.
Sale of publications..	758.
Rent for the use of the Museum theatre..	1,305.
Overtime fee for the theatre Caretaker..	144.
Miscellaneous Receipts.. ..	508.
	2,771

B. Expenditure.

Pay of Officers- Voted.		
Officiating Superintendent and Associate Librarian.. ..		5,910.
Pay of Establishment - Curators, Zoological Botanical, Anthropological Archaeological and Chemical Conservation sections, Head Clerk and Cash keeper, Storekeeper, 4 clerks, senior and second taxidermists, photographer, theatre Caretaker, Printer, 7 attenders, 1 duffadar and 37 peons..		27,458
Other Charges- Voted.		
Rates and Taxes..	..	13,200
Travelling Allowances..	..	983
Other compensatory..	..	1,912
Dearness and War allowances..	..	15,730
Pay of menials..	..	2,130
Furniture and fittings..	..	2,238
Apparatus and materials..	..	1,017
Cost of specimens..	...	1,074
Other contingencies..	...	6,388
Dearness allowances to Menials ...		3,660
		81,711

B. Expenditure.

	Rs.
Pay of Officers—	
Authorized—	
Officiating Superintendent and Associate Librarian	5,011
Pay of Establishment—	
Personal Assistant, Curators, Zoological, Botanical, Anthropological, Archæological and Chemical Conservation Sections, Head Clerk and Cash-keeper, Storekeeper, 4 clerks, senior and second taxidermists, photographer, theatre caretaker, printer, attenders, 1 daffadar and 37 peons	26,666
Other Charges—	1,918
Charged—Cost of Passages	12,012
Authorized—	
Rates and Taxes	1,542
Travelling allowance	1,594
Other compensatory	7,972
Dearness and War allowances	1,965
Pay of menials	1,496
Furniture and fittings	1,253
Apparatus and materials	623
Cost of specimens	4,621
Other contingencies	2,207
Dearness allowance to menial establishment	
Total ..	68,880

Commemora Public Library.

A. Receipts.

	Rs.	A.	P.
Fine on books overdue	106	8	0
Catalogue sales	27	0	0
Mufassal Library Charges	20	0	0
Total ..	153	8	0

E.& P.H.(C2).

C.No.46544 C2/47.

MUSEUM - Govt. Museum and Connemara Public Library Administration Report for 1946-47 - Recorded.

From the Supdt., Govt. Museum, No.1490-1/47, D/2-6-1947.

ORDER/PS. 1421 EDN., DATED 5-7-1947.

RECORDED.

2. The Museum has been ~~making~~ taking special ~~efforts~~ Steps to make the new accessions ~~of~~ and the older collections in the Museum better known and understood by the public--literate and illiterate.

3. The notable additions to the Museum collection during the year were 1 Amaravathi Stupa, 1398 silver denarii of Emperors Augustus and ~~Tiberius~~ Tiberius which are ~~the~~ Treasure Trove finds from Coimbatore, an Egyptian Shawabti figure with hieroglyphics, a stone head believed to be a portrait sculpture of Krishnadeva Raya of Vijayanagar, and a travelling desk of the East India Company days presented by Mr. A. R. C. Westlake. The number of coins acquired during the year were 14 Gold, 1415 (Plus 9 pieces) silver and 12 copper coins. The silver coins except 17, were all coins of the Roman Emperors Augustus and - - Tiberius from a hoard discovered in Coimbatore District.

4. Educational demonstrations were given by the Museum to 83 teachers belonging to Indian and European schools. Students from colleges and schools in the city and the mufassal ~~attended~~ came on organised visits to the Museum as usual. The Supdt., Govt. Museum gave Radio Talks on Archaeology for the troops and on Anthropology for High School students.

5. The Museum exhibits were loaned to the Central Asian Antiquities Museum for their Special Exhibition in connection with the Inter-Asian Relations Conference. Numerous typical South Indian stone implements and South Indian Arms were loaned for exhibition at the Harijan Industrial School Benefit Exhibition.

6. The usefulness of the Connemara Public Library continued to be appreciated by the public. There was an increase in the number of readers who visited the libra-

P.T.O.

library from 52,289 to 59,515 and the number of volumes consulted from 157,140 to 178,545.

To

The S.G.M.
" D.P.I.
" A.G.
" Director Gl. of Archaeology.
" Revenue Dept.
" Dev. Dept. the
" Library of/Madras Legislature.
" Secretariat Library.
Press.

NOTE:--Please see pp.5-6 (E) Re. "The problem of the illiterate visitor". Proposals in this respect received from the S.G.M. are under consideration separately.

2. May be circulated to H.M.(Edn.).

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