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ADMINISTRATION REPORT

OF

THE GOVERNMENT MUSEUM, MADRAS
THE NATIONAL ART GALLERY, MADRAS
THE GOVERNMENT MUSEUM, PUDUKKOTTAI

AND

THE CONNEMARA PUBLIC LIBRARY
(EXCHANGE SECTION), MADRAS

FOR

1954-55

PRINTED BY THE SUPERINTENDENT
GOVERNMENT PRESS
MADRAS
1955

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HIS EXCELLENCY MARSHAL TITO, PRESIDENT OF YUGOSLAVIA, DURING HIS

SOME OF THE MUSEUM'S SERVICES.

The Madras Museum is open to the public every day in the week, except Friday, from 7 a.m. to 5 p.m. Admission is free.

It receives parties of school children and arranges facilities for guiding organized groups of visitors round the galleries.

It arranges demonstrations to teachers from various High schools and Corporation schools in the City.

It provides a special service whereby illiterate visitors are guided round the galleries and helped to understand the exhibits.

It conducts a practical training course in Museum Technique for teachers from various schools in the State every year during the summer months.

It welcomes co-operation with learned societies; the Archaeological Society and the South Indian Society of Painters meet in the Museum. The Museum has a well-equipped theatre—the Museum Theatre—for educational lectures, dramatic entertainments, etc.

The Centenary Exhibition Hall is let out at a nominal rent of Re. 1 for meetings of cultural organizations and Rs. 2 for exhibitions.

It has large collections which are available for study by research workers, and helps students and laymen in identifying specimens of plants, animals, minerals, coins and pre-historic antiquities.

It offers for sale to the public, coins, picture post cards, photographs and publications relating to the collections contained in the Museum.

THE NATIONAL ART GALLERY (MADRAS).

The National Art Gallery is open to the public every day in the week, except Friday, from 9 a.m. to 12 noon and 2 p.m. to 5 p.m. Admission is free.

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ADMINISTRATION REPORT OF THE GOVERNMENT
MUSEUM, MADRAS, THE NATIONAL ART GALLERY,
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KOTTAI, AND THE CONNEMARA PUBLIC LIBRARY
(EXCHANGE SECTION), MADRAS, FOR THE YEAR
1954-55.

I

GOVERNMENT MUSEUM, MADRAS.

GENERAL.

Administration.—I rejoined duty on 18th July 1954 after my leave out of India on the expiry of my term as Visiting Professor in the Cornell University, U.S.A. During the period of my absence from India, Sri C. J. Jayadev, Curator, Anthropological Section, officiated as Superintendent.

Museum Committee.—The Committee met only once during the period under report.

Regional Advisory Committee of National Art Treasures Fund.—This Committee met once during the period under report.

Participation in the Congress Exhibition.—At the Congress Exhibition organized every year by Tamil Nad Congress Committee at Madras, an Art Gallery used to be a regular feature. This year the exhibition was arranged on a larger and grander scale. With a view to give an idea of the art and culture of the South to visitors from all over India to the 60th Session of the Indian National Congress held at Avadi, Government decided that the Government Museum should also organize the “Museum and Art Gallery” in the Congress Exhibition in collaboration with the Tamil Nad Congress Exhibition Committee. Accordingly a “Museum and Art Gallery” was opened from 10th January to 28th February 1955. Rare pieces of South Indian bronzes including those kindly lent by the Tanjore Art Gallery, wood carvings, copies of ancient mural of India and Ceylon, etc., were exhibited. The copies of Mural paintings specially taken for the exhibition from the rock-cut Jaina shrine at Sittannavasal and from the Brihadeswara Temple at Tanjore exhibited for the first time highlighted the show. The Departments of Archaeology and Anthropology of the Government of India also kindly co-operated by lending a few of their exhibits.

The “Museum and Art Gallery” attracted a large number of visitors and a poll taken of the views of the visitors indicated that they appreciated the show. This first effort on the part of the Museum was a success, as will be evident from the few opinions of visitors extracted below :—

Sri G. Venkatachalam, M.L.C.—“This is the best exhibition so far organized in Teynampet. The most outstanding exhibits are, of course, the South Indian Bronzes, all of them of equal merit and are fine masterpieces. Next come the copies of frescoes from Tanjore, Sigiriya and Sittannavasal. There are some good works by the modern artists. I congratulate the organizers.”

Mr. H. C. Norminton, Administrative Officer, British Council, Madras.—“On the very last day of the Congress Exhibition, I managed to visit the Museum's display and it was certainly a good one-anna's worth.”

“The housing of this exhibition alone, with its impressively carved doors, was excellent and the way in which the painting reproductions were mounted surpassed any exhibition of this nature I had seen. My wife and I particularly like the glass-mounted settings which were most effective. Most of the paintings at the far end of the hall showed how far our contemporaries lag behind the unique greatness of their distant forefathers.”

Colonel V. R. Mirajkar's gift to Government.—One of the finest buildings in Mangalore town, known as “Shrimanthi Bhavan” together with the curios, works of art, antiques, fittings and fixtures was offered as a gift to Government by Colonel V. R. Mirajkar, I.M.S. (retired). I was asked to inspect the building and report whether a museum or an art gallery can be opened in that building. My report with estimates of the cost involved in the establishment and maintenance of a museum and/or art gallery in the above building, has been submitted to Government and their orders are awaited.

Distinguished visitors.—Among the distinguished visitors to the Museum were Dr. Bhagavandas; Yogi Shudhananda Bharati; the Ambassador of the People's Republic of China in India; Sri C. Subramaniam, Minister for Finance and Education; Prof. Norman Brown and Mrs. Brown; Prof. Lionello Venturi; Sri Kishore Chandra Deo Bhanj; Raja Bahadur of Daspalle, Minister, Orissa State; the Chinese Cultural Delegation led by Mr. Cheng Chen to; Yuvaraj Karan Singh of Kashmir and his party; His Excellency Marshal Tito, President of Yugoslavia and his party comprising members of the Yugoslav delegation and officials of his Government; Sir Ronald Fisher of Cambridge University; His Excellency Md. Ghazanfar Ali Khan, High Commissioner for Pakistan in India; Count de Grunney; Shri Sri Prakasa, Governor of Madras; Sir Howard D'Egville, Secretary-General, Commonwealth Parliamentary Association, London; the Maharajkumar and Maharajkumarini of Sikkim.

Sundara Raj Prize Essay Competition.—An essay competition on the subject “A visit to the Museum” was conducted for the students of the VI Form classes in the Madras State, for the Dr. B. Sundara Raj Prize in commemoration of the Centenary Celebration of the Government Museum, Madras. The prize ceremony synchronised with the inauguration of the Child Art Exhibition by the Minister for Finance and Education on 5th March 1955. Sri T. M. Ramakrishnan, a student of VI Form in the Sri Ramakrishna Mission High School (North Branch), T. Nagar, Madras, won the prize in the above competition.

Gifts.—Among the gifts to the museum during the year under review are (1) seventy-five lithographs and reproductions of paintings by old masters donated by the British Council through the courtesy of the then representative, Mr. S. C. G. Bach, (2) a collection of twenty wood carvings donated by the Raja Saheb of Sivaganga, (3) a fine portrait study on ivory by the artist, Sri K. Venkappa of Mysore, and (4) a Japanese water-colour painting and a panel with ivory inlay work of art donated by Mr. T. N. Sethurama Chettiar of Pondicherry.

Other donors were: the Superintendent of Parks, Madras; the Dean of the College of Indigenous Medicine, Madras; Mrs. S. D. Inglis, Hampton, Coonoor; Sri K. Sharma Bhatt, No. 13, Police Commissioner's Office Road,

Madras-8; Sri P. M. Mukerji, Secretary, Tea Board, No. 27-29, Brabourne Road, Calcutta; Sri S. M. Mookerjee, Publicity Officer, Tea Board, Calcutta; Sri R. N. Mukerjee, Superintendent of Propaganda, Tea Board, No. 36-E, Mount Road, Madras; Sri K. Shankar Pillai of Shankar's Weekly, New Delhi; Yogi Shuddananda Bharati, No. 20, Boag Road, Madras-17; Mr. Mir Shah Nawaruddin Khadir, No. 2/12, Mir Bashi Ali street, Madras-14; Minister of Defence, Government of India; Ministry of Education, Government of India; Sri T. N. Sethurama Chettiar, Pondicherry; the Provincial Museum, Lucknow.

Art Exhibition.—Shankar's Weekly Child Art Exhibition. An exhibition of a selection of children's drawings and paintings entered for the fifth International Competition in Children's art conducted by “Shankar's Weekly”, New Delhi, was arranged at the Centenary Exhibition Hall of the Museum, during the period under report. The exhibition was inaugurated on 19th September 1954, by the Minister for Finance and Education and was kept open to the public from 20th to 26th September 1954. The exhibition attracted large gatherings including the school-going children.

State Child Art Exhibition, 1955.—An exhibition of drawings and paintings by the children of the schools in the Madras State was opened by the Minister for Finance and Education on 5th March 1955. The exhibition was open to the public from 6th to 13th March 1955.

Special exhibitions.—The following special exhibitions were held during the period under report:—

(1) Eggs of thirty-five species of mostly Indian birds, many of them exhibiting remarkable protective colouration, presented by Mrs. S. D. Inglis, Coonoor.

(2) A pair of the extremely rare Pink-headed Duck (*Rhodonessa caryophyllacea*) male and female, collected in the Darbanga district of North Bihar.

(3) Some of the important medals issued by the British in India.

Audio-visual Education.—In addition to the 100 sets of metal casts of coins of India supplied to the schools, another 100 sets have been got ready for supplying to the schools. So far, 30 sets have been sold.

Demonstration to School teachers.—Eighty-one teachers belonging to 20 City High Schools attended the demonstrations in Anthropology, Archaeology, Zoology, Botany and Numismatics on Saturdays during December 1954 and January 1955.

Backward Classes Commission.—The Superintendent gave evidence before the Backward Classes Commission on 25th August 1954 on two academic problems, viz., (1) whether there was any anthropometric or biological tests to distinguish the aboriginal tribes from the rest of the population, and (2) whether there was any simple sociological tests to determine the social backwardness of a given community.

Centenary Exhibition Hall.—The following exhibitions and meetings were held in the Hall during the year under report:—

Meeting of the Archaeological Society of South India, Madras. 9th April 1954.

Exhibition of Paintings by the Indo-Soviet Cultural Society, Madras. From 29th April to 4th May 1954.

Exhibition of books by the Tagore Academy, Madras.	From 8th to 14th May 1954.
Meeting of the South Indian Society of Painters, Madras.	On 29th August 1954.
Exhibition of photographs by the Indo-China Friendship Association, Madras.	9th to 15th September 1954.
Child Art Exhibition by Shankar's Weekly, New Delhi.	From 16th to 26th September 1954.
Radio Exhibition by the All-India Radio, Madras.	From 28th September to 3rd November 1954.
Exhibition of French paintings, by Alliance Franchise of Madras.	From 6th to 19th November 1954.
Exhibition of Handicrafts by the United States Information Service, Madras.	From 22nd November to 20th December 1954.
Exhibition of paintings by the Madras Peace Committee, Madras.	From 23rd to 29th December 1954.
Exhibition of American paintings by the All-India Arts and Crafts Society, New Delhi.	From 6th to 20th January 1955.
Exhibition of Dr. A. R. Poduval's paintings by the South Indian Society of Painters, Madras.	From 22nd to 30th January 1955.
Exhibition of paintings by Sri C.S.N. Patnaik of Choolai, Madras.	From 5th to 12th February 1955.
Exhibition of Canadian paintings by the South Indian Society of Painters, Madras.	From 20th to 25th February 1955.
Exhibition of paintings by the South Indian Society of Painters, Madras.	From 31st March to 6th April 1955.

NEW ADDITIONS TO THE COLLECTIONS.

Zoology.—A large number of zoological specimens were acquired for the Museum during the year under review. Among Invertebrates, a collection of Myriapods, including two specimens of the large Millipede, *Thyropygus nigrolabialis* and a Centipede, *Scolopendra subspinipes*, obtained locally, two specimens of the goose barnacle, *Lepas anserifera*, attached to the fruit of *Barringtonia* sp., received from the Superintendent of Parks, Madras, a large specimen of the Black Scorpion, *Palamnaeus swammerdami*, an adult specimen and eggs of the Tussar Silk Moth, *Antheraea paphia*, collected from Adyar and a collection of the fat soft grubs (larvae) of the Coconut-borer beetle, *Oryctes rhinoceros*, were preserved and added to the reserve collections. The Tussar Silk Moth was set and pinned and stored in the reserve Insect Cabinet. Among reptiles, a large specimen of the Cobra, *Naja naja*, measuring 4 feet 10 inches in length, collected in the Museum compound, and a small specimen of the Wolf Snake, *Lycodon aulicus*, received from the Dean of the College of Indigenous Medicine, Madras, were suitably preserved in alcohol and added to the reserve collection of snakes. The most notable among the additions to the Zoological Section during the current year were the following collections of birds' skins, eggs and nests which were kindly donated to the museum by Mrs. S. D. Inglis, Hampton, Coonoor, out of her late husband, Mr. C. M. Inglis' ornithological collections: (1) Two skins of the Pink-headed Duck (*Rhodonessa caryophyllacea*), one male and one female—the rarest of our Indian Ducks, from the Darbangha district of North Bihar; (2) one male mounted specimen of the Mandarin Duck, *Aix galericulata*, from China; (3) a collection of 60 specimens of bird skins, most of them

suitable for mounting, including many rare specimens, especially of pheasants and ducks, such as the Monal, Silver Kalij Pheasant, Horned Pheasant, Scaup Duck, etc., which are new to the collection; (4) a collection of 190 specimens of birds' eggs, comprising 35 different species of Indian birds and (5) two nests, one of the Red-vented Bulbul, *Molpastes cafer* and the other of the Indian Thick-billed Flower-Pecker, *Piprisoma squavidum*—a pouch-like nest supported on a twig. Of these specimens, all except the pair of the Pink-headed Duck were received as a gift. The two specimens of the Pink-headed Duck, however, were purchased for Rs. 150 on account of their extreme rarity. In addition to these, an egg of the White-headed Babbler, *Turdoides griseus griseus*, collected locally, was blown, preserved and added to the Museum's collection of Birds' eggs. Apart from the specimens of Birds' skins, eggs and nests mentioned above, twenty books on Natural History, particularly on Ornithology and Oology, were donated by Mrs. S. D. Inglis, and these were registered and added to the Zoological Sectional Library.

Botany.—Two specimens of double-eyed coconuts were received free of cost, one from Sri K. Sharma Bhatt, No. 13, Police Commissioner's Office Road, Madras-8, and the other from Sri Theetharappu Dalavoy, West Car street, Tirunelveli Town. Through the kind courtesy of Sri P. M. Mukherji, Secretary, Tea Board, Nos. 27 and 29, Brabourne Road, Calcutta, an attractive tea map of India and three photographs relating to the tea industry were received free of cost from Sri S. M. Mokerjea, Publicity Officer, Tea Board, Calcutta, and 16 specimens relating to the tea industry also free of cost from Sri R. N. Mukherjee, Superintendent of Propaganda, Tea Board, No. 36-E, Mount Road, Madras. Fifteen specimens of flowering plants, collected by the Curator at the Kambakam forest, were added to the reserve collections; fourteen specimens of exotic timber were obtained on exchange from Mr. H. A. Hyde, Keeper, Department of Botany, National Museum of Wales, Cardiff, U.K., in return for 14 common specimens from our locality. Samples of eight prepared products of tobacco, were purchased from the local market.

Geology.—A sample of semi-petrified resin was transferred from the Botany Section to the Geology Section.

Anthropology.—A mine from Stalingrad was presented to the Museum by Yogi Shuddananda Bharati, No. 20, Boag Road, Madras-17. A steel sword with a decorated hilt and a metal scabbard was presented by Mr. Mir. Shah Nawaruddin Khadir, No. 2/12, Mir Bashi Ali street, Madras-14. A set of wooden ornaments worn by the dancing girls of Karvetnagar, Chittoor district, was purchased for Rs. 45. A carved wooden tablet with a chakra in the middle was purchased for Rs. 5. A collection of non-service pattern equipment consisting of a breastplate of brass, ten daggers, fifteen knives, twenty lances of sort, fifteen lances of sort, eight small lances (line boys), one spear (*sang* of sort), one bayonet (*sangeen meun*), one *sarota* of brass, one sword, one Italian bayonet rifle, one Japanese bayonet, one Japanese rifle, one Japanese carbine, one Italian carbine, one French rifle and one Snider rifle from the Ordnance Depot, Allahabad, were presented to the Museum by the Ministry of Defence by order of the Deputy Secretary to the Government of India, Ministry of Education. Two paintings, one of the Bhagavati of Kuniyil Kavu, Kozhikode, and one of Angakkaran of Kanakkathur Kavu, Cannanore, were purchased for Rs. 25.

Numismatics.—Twenty-two gold East India Company Single Swami pagodas and one gold Old Star pagoda, one silver rupee of William IV, 1835, sixteen rupee coins of Victoria and six 1/8 rupee coins of Victoria were acquired as treasure trove. Sixty-six Pandyan copper coins, two Chola

copper coins, ten Salankayana copper coins and thirty-one Sethupathi copper coins were added by purchase from private collectors of coins. One silver Palestine coin was presented by the Government of India, Ministry of Education, and one silver Indo-French coin was presented by Sri T. N. Sethurama Chettiar of Pondicherry. One silver coin of king Bhoja Deva of Kanauj was distributed to this Museum by the Provincial Museum, Lucknow. This is part of a treasure-trove hoard found in the Khera Barawai village of Mursan Tahsil in Aligarh district.

Archaeology.—Nearly four hundred and fifteen specimens have been added to the collections during the year. They comprise sculptures, wood carvings, ivory carvings and paintings. Of these fifteen metal images and four metal utensils were obtained as treasure-trove finds. One stone sculpture and a wooden figure were acquired through the Revenue Officers in the mufassal. Twenty-three children's paintings which have been awarded first and second prizes during the exhibition of paintings of Madras State School Children conducted in 1953 were added to the collection of children's paintings. Among the purchases are nine paintings for the National Art Gallery and eight copies of mural paintings of Travancore, Sittannavasal and Tanjore. The rest of the accessions have been presented to the Museum. Important among these donations is the gift of seventy-five lithographs and reproductions of paintings of old masters, by the British Council, London. This was mainly due to the kind offices of Mr. S. C. G. Bach, then representative of the British Council, Madras. Others include the gift of two hundred and one paintings by children belonging to as many as fifteen nations of the world presented by Shri K. Shankar Pillai of "Shankar's Weekly", New Delhi, to Sri C. Rajagopalachari; former Chief Minister of Madras, and ordered by Government to be kept in the Museum (vide Government Memorandum No. 34318-E-5/54-1, Education, dated 12th April 1954). An important collection of twenty wood carvings belonging to a temple car at the Siva temple at Kalaiarkoil, Ramanathapuram district, dating from the end of the 18th century A.D., was given as gift to the Museum by the Raja Saheb of Sivaganga, the Trustee of the Temple. Another important gift is a fine portrait study on ivory from the well-known artist, Sri K. Venkatappa of Mysore. This gift has been made in response to the appeal issued in 1951 by the then Governor of Madras to artists and others for donation for the National Art Gallery. Sri T. N. Sethurama Chettiar of Pondicherry, one of our regular donors, presented this year a Japanese water-colour painting, an ivory inlay work and an ivory-inlaid bow. From Sri T. N. Sethurama Chettiar of Pondicherry nine articles representing the arts and crafts of Indo-China and other Far Eastern countries were acquired in exchange for seven wood carvings and one metal figure (vide G.O. Ms. No. 601, Education, dated 30th April 1954).

RESEARCH AND PUBLICATION.

General.—The third edition of "The Guide to the Archaeological Galleries" was printed in 1954. The stock of the picture post cards, sets A and B showing images of Saivite and Vaishnavite figures have been almost exhausted. Arrangements are being made to get the stock replenished.

Zoology.—Since resuming charge of the section in August 1954, the Curator has been engaged in an examination of the spirit collection of fresh water Mollusca of South India and a study of the relevant literature. The Curator has also been engaged in preparing a rough draft of a guide to the Zoological Galleries and gathering the necessary material for the same. Proofs of a paper on the Cirripedia of the Madras Coast by Sri A. Daniel, which is being



GANA BLOWING CONCH.

Wood-carving from an old temple car of the Siva temple at Kalaiarkoil, Ramanad District.

published as a Museum Bulletin, were received from the Press. They were scrutinized, corrected and returned to the Press for furnishing revised proofs. The manuscript and plates of the Bulletin on the Scaphopoda, Pelecypoda and Cephalopoda of Krusadai Island by Sri S. T. Satyamurti, Curator for Zoology, were sent to the Press for publication during the current year. The Curator also contributed an article on Stinging Molluscs to the Journal of the Bengal Natural History Society and one on the Chinkara or Indian Gazelle to the Bulletin of the Prince of Wales Museum, Bombay.

Botany.—Five specimens in the reserve collections and 15 specimens collected at Kambakam, were identified. Germination of the Cow-tree seed, sown last year, continued at a very slow pace. Experiments on dust-proofing six show-cases in the galleries were conducted.

An article by the Curator, on the functions of a herbarium, was published at the instance of the Agricultural Department in the "Madras Information".

Geology.—One fossil Proboscidean skull was identified as that of *Elephas indicus ceylonica*.

Anthropology.—The revised edition of the catalogue of the musical instruments exhibited in the Government Museum by Prof. P. Sambamoorthi of the University of Madras is in the Press.

A paper on the Tali rite is under preparation by the Superintendent and the Curator for Anthropology. The Curator contributed an article on "Cultural levels" to the Tamil Encyclopædia. A paper on the Dermatoglyphics of Paniyans and Nayadis is under preparation by the Superintendent and the Curator for Anthropology. The Curator's study of the Malayalis of the Kolli Hills of the Salem district is in progress.

Archaeology.—Sri T. N. Ramachandran's book on Nagapattinam Bronzes was published during the year. Sri C. Sivaramamurti's paper on Chalukyan sculpture is now in the Press. The Curator contributed an article on "Uloha Velai-k-kalai" (Art of Metalware) to the Tamil Encyclopædia. Madras. The Curator's work on Jain Sculptures is in progress. The cataloguing of copper-plate grants was also continued.

Numismatics.—The Curator prepared a booklet "Coins of India Through the Ages" giving a short account of the coinage of the important dynasties of Indian History and also detailed description of 32 selected coins representing the above dynasties. Prof. M. Rama Rao of the Nizam's College, Hyderabad, has prepared a catalogue of the Satavahana coins in this Museum and his work will be published soon as a Museum bulletin. Prof. R. A. Faruqi of the Government Arts College, Madras, has finished his study of the Arab coins of this Museum with a view to prepare a catalogue of these coins. Sri T. G. Aravamudhan, Madras, has finalised his catalogue on Roman coins of this Museum and it will be published soon.

EDUCATIONAL WORK.

General.—The students of the Department of Museology of the Maharaja Sivaji Rao University of Baroda, were given detailed instructions in museum methods by the scientific staff of this Museum. The Superintendent, Government Museum, gave a course of three lectures to these students at Baroda on "Visual Aids in Museums" on the invitation of the authorities of the Maharaja Sivaji Rao University of Baroda.

Gift to institutions.—Gift parcels containing small collections of named shells from the Museum's surplus stock were prepared and despatched to four schools in the City and six schools in the mufassal. Ten sets of minerals and rocks were obtained through the kind co-operation of the Geological Survey of India and were distributed to ten select schools. A fine wood carving representing Mohini got from Koyambedu, Chingleput district, was presented to the Soviet Cultural Delegation on 14th February 1955.

Lectures.—The Superintendent gave a course of three lectures at Baroda to the students of the University Course in Museology. He gave a series of twelve lectures illustrated by means of practical demonstrations on Anthropology to the students of the Madras University undergoing the Certificate and Diploma Course in Anthropology. The students were afforded facilities for the examination and study of the exhibits in the Anthropological section of the Museum and were given training in Anthropometry and the identification of stone implements.

A lecture on the exhibits in the Zoological Section, particularly in the Fish and Invertebrate Galleries was delivered by the Curator for Zoology to a batch of 20 students from the Central Inland Fisheries Training Department.

The Curator for Archaeology delivered a lecture on South Indian Temple Cars at the Indian Museum, Calcutta, on the invitation of the Trustees of that Museum. He also delivered a lecture on the Antiquities of Tulunad at a meeting of the Archaeological Society of South India.

The Curator for Anthropology gave three talks in Tamil for High School children at the All-India Radio, Madras, on the Mammoth, the Dinosaur and Archaeopteryx.

Facilities for Research workers, etc.—Zoology.—Mr. Ibrahim Rassam, Chief Taxidermist of the Natural History Museum, Iraq, was given instruction in Taxidermy and Museum methods, on the recommendation of Dr. S. L. Hora, Director, Zoological Survey of India. Sri John Raju, attender, deputed from St. Joseph's College, Tiruchirappalli, was given training in Taxidermy and Museum preservative methods for a period of two months from 6th August 1954. Specimens of sponges and shells were identified by the Curator for Mr. Sambandam Murthy, Research Assistant, Government Fisheries Department, Travancore, in connexion with his work on inter-tidal fauna. Two specimens of Hydroids were loaned for study to Sri Mammen, M.Sc., Trivandrum University, at his request in connexion with his systematic work on Hydroids. Necessary facilities, apparatus, reference books, etc., were provided for Dr. B. Sundara Raj in the Zoological Reserve Collection Rooms, for his research work on fishes.

Anthropology.—The following were given facilities for research or other information: Mr. G. N. Das, M.A., LL.B., Research Scholar, Deccan College, Poona, on prehistoric antiquities; Mr. and Mrs. R. Lane, Fulbright Scholars from the United States on the Soaras; Mr. P. Deraniyagala, Director, National Museums, Ceylon, on the measurements of the skull of the wild cat, *Felis Chaus*; Dr. M. R. Sahni, Palaeontologist of the Geological Survey of India on literature on the prehistory of India; Mr. M. S. Gopala Krishnan, M.A., M. LITT., Research Scholar, University of Madras.

Numismatics.—Miss Vanaja, M.A., a research student of the Presidency College Research Section, has finished her study of the punch-marked coins of this Museum. Mr. Parameshwarlal Gupta of the Bharat Kala Bhavan,

Benares, was given facilities to examine and study the punch-marked coins of this Museum. Miss Devakunjari, a Research Student of the History Department of the University of Madras was allowed to examine all coins found in the Madurai district. Miss Mary Lazarus, Dindigul, was shown some select coins from the Coin Cabinet. Sri K. A. Nilakanta Sastri was shown the Chola coins of this Museum. Mr. A. Edward of Rochester, New York, was given information on Indian coins. Mr. Thomas Cheriyan, Ernakulam, was helped in identifying a Venetian gold coin.

Botany.—Sri Mudaliar & Co., Cuttack-3, Sri P. Rm. Athimuthu Nadar of Tuticorin; Mr. Thomas B. Keehn of the American International Association for Economic and Social Development; Prof. B. G. L. Swamy of the Presidency College, Madras; the Superintendent of Parks, Corporation of Madras; Smt. S. Rao of the Minerva Tutorial College, Madras; and Sri G. N. Das of the Deccan College, Poona, were given technical information or afforded facilities for research work, etc., by the Curator for Botany Section.

Sri T. Venugopal, Technical Assistant, Government Museum, Pudukkottai, was given training in the Geology Section by the Curator.

WORK IN THE GALLERIES.

ZOOLOGY.

Additions to the galleries.—A male mounted specimen of the Mandarin Duck, *Aix galericulata*, was exhibited on a suitable pedestal along with another specimen of the same species in a larger and more spacious case in the centre of the Foreign Animals Gallery. A rolled skin of the Scaup Duck, *Nyroca marila*, from Scotland, recently donated by Mrs. S. D. Inglis, was relaxed, stuffed, mounted and exhibited in the Foreign Animals Gallery. The skins of the male and female specimens of the very rare Pink-headed Duck, *Rhodonessa caryophyllacea*, purchased from Mrs. S. D. Inglis, were also relaxed, stuffed and mounted for exhibition in the Bird Gallery. They were put up as Special exhibits, and preparations are being made for exhibiting these specimens ultimately in the form of a habitat group, in a Diorama case. Seventy-four specimens of eggs belonging to 35 different species of mostly Indian birds, recently acquired, were attractively mounted in glass-fronted boxes and exhibited in the Bird Gallery. Plywood boxes with cotton lining were specially made for the purpose. Two nests, one of the Red-vented Bulbul (*Molpastes cafer*) and the other of the Indian Thick-billed Flower-Pecker (*Piprisoma squalidum squalidum*) recently acquired, were mounted on suitable wooden stands and exhibited in the Bird Gallery along with the respective specimens of birds. In the Skeleton Gallery, a black-and-white picture of the Sperm Whale or Cachalot, with its remarkable swollen head, was drawn, framed and exhibited to accompany the Skull and Lower Jaw of the Sperm Whale. In the Invertebrate Gallery, a large brightly coloured specimen of the Atlas Moth (*Attacus atlas*), not hitherto represented among the gallery exhibits, was mounted in a glass box and exhibited in the Lepidopteran case, and six exhibition boxes containing dry specimens of crabs were added to the Crustacean Wall Case.

Improvements to the galleries.—In view of the fact that there had been no full-time Curator in charge of this section for over two and a half years, there were a number of items of repair, renovation, cleaning and re-arrangement in the zoological galleries that needed urgent attention, and the permanent Curator had to devote considerable time in attending to these items since taking over charge of the Section in August 1954. The old

Picture gallery was thoroughly cleaned and selected show cases containing foreign animals and birds were re-arranged in this hall; a portion of this hall was properly organized into a Gallery of "Animals from Foreign Lands", and a special sign board was painted and put up to denote this. The front half of this hall was devoted to Ecology and General Zoology. The four recently prepared diorama cases were renovated, repainted externally with grey paint, fitted up with internal electric lights and arranged in this part of the Gallery. Several show cases in the Bird and Mammal Galleries, which were found to have been disturbed and shifted away from their correct locations, were rearranged in their proper systematic order and restored to their appropriate places. The interiors of the Tapir, Oran Utan, Horn of Rhinoceros, Duck-billed Platypus and Mandarin Duck cases in the Foreign Animals Gallery and the newly added sloping show case for Birds' eggs in the Bird Gallery were painted with pale grey paint to improve the display of the specimens. Similarly, in the Invertebrate and Fish Galleries the interiors of the Cephalopod wall and sloping cases and the Cat-fish and Eel cases were painted with fresh distemper to cover up rain water stains and to improve the display. In the Skeleton Gallery, an old specimen of the Duck Mole or Platypus was renovated and re-exhibited in the integumentary structures case, while the recently added fresh specimen of the Duck-billed Platypus (a Primitive Egg-laying Australian Mammal) was transferred to the Foreign Animals Gallery and exhibited in a separate show case to give it a better display. The specimen of the Malayan Tapir which was cracking on the under side of the neck, was repaired and renovated. The specimens, preserved foliage and other accessories in the Jungle Fowl Habitat Group were touched up with fresh oil colours and renovated with a protective coat of copal varnish as the colour of the leaves, grass, etc., were getting faded. Dislocated specimens of eggs in the "Variations in Fowl's Egg" case were remounted in proper positions and the case, after renovation, was exhibited in its appropriate place in the Bird Gallery. New display boards were made for the moulted skin of the rat-snake, tortoise shell and crocodile skin in the case containing Reptilian integumentary structures, and the specimens mounted thereon for better presentation. Loose specimens and labels of mammalian teeth and skeletal structures of birds in the Dentition and Structural cases in the Skeleton Gallery were secured permanently in proper positions with celluloid cement and the interiors of the Dentition cases were touched up with black paint wherever necessary. All specimens of heads, horns, frontlets and skulls of bovine animals such as bison, buffalo, sheep, goat, etc., mounted on the walls, together with their shields in the Mammal and Skeleton Galleries were thoroughly cleaned and renovated with copal varnish. In the upstairs galleries, a relief map of India exhibited near the landing of the staircase was cleaned, renovated and re-exhibited; the large jar containing the specimen of the Cocoanut Crab (*Birgus latro*) was exhibited in a separate show case with a diagram showing its ecology, after effecting minor re-arrangements in the overcrowded wall case in which it was previously exhibited, and a block of wood pierced by a sword-fish which was hitherto placed on the floor, was exhibited on a suitable wooden pedestal in the Fish Gallery. The exhibits in the Molluscan wall cases were re-arranged in a more exact systematic order. Six picture frames containing photographs of mammals and two framed coloured pictures of the Blue Rock Pigeon and the White-breasted Kingfisher were renovated, varnished and re-exhibited in the Mammal and Bird Galleries. Five photographs of African mammals which had been previously removed from the Skeleton Gallery consequent on the re-arrangements in this gallery were re-bound with fresh calico, moth-proofed with a coating of paraffin and re-exhibited in the Foreign Animals Section. The bindings of six

other enlarged photographs in the Mammal, Fish and Invertebrate Galleries which were getting moth-eaten, were also re-bound with fresh calico and re-exhibited. One dozen explanatory diagrams in various Insects, Arachnida and Crustacea cases in the Invertebrate Gallery, which were badly discoloured, were re-drawn on fresh white cards, re-labelled and re-exhibited in their respective show cases with fresh calico binding. The work of cataloguing and card-indexing the gallery specimens was continued during the year. The routine weekly checking of the galleries by the Curator, dusting, cleaning of glass panes, provision of naphthalene, replacement of broken glass panes for show cases, rectifying minor defects, refilling and bladdering of the gallery specimen jars and provision of lysol and camphor for the insect cabinets and exhibition boxes, were continued during the year, as usual.

Labelling.—About seventy classificatory labels in bold type were newly printed, bound and put up in the various Molluscan show cases in the Invertebrate Gallery, together with the popular names of the various families. Twenty-two new Tamil labels were prepared, bound with glass and calico and put up for various exhibits in the Mammal Gallery for which Tamil labels were hitherto lacking. As most of the names of snakes have now changed, the labelling of the snake specimen jars in the Reptile Gallery was thoroughly revised. All the sixty-eight specimen jars were provided with new labels, painted on zinc plates, adopting the latest nomenclature, to replace the old labels many of which were defaced, discoloured and out-of-date. In addition to these, about fifteen family labels painted on wooden plates and two bold popular sign-boards indicating the harmless and poisonous snakes were painted and fixed up for the Snake Gallery. Twelve popular labers were printed, bound and put up for various groups of corals and marine worms in the Coral Gallery. Six newly painted popular sign-board were fixed up for various systematic bird show cases and a large sign-board giving the popular English and Tamil names of the Whale Shark was painted and put up in the Fish Gallery; a similar wooden label was also painted and fixed up for the skull and horns of the Indian Bison mounted high on the wall in the Skeleton Gallery. Stained, moth-eaten or discoloured labels were replaced by freshly printed labels for the following exhibits:—(1) Ornamented tusks of the Indian elephant; (2) skull and lower jaw of the Sperm Whale; (3) Chiroptera (descriptive); (4) colours of Animals (descriptive); (5) Pterodactyl picture; (6) skeleton of cobra; (7) foot of elephant. Apart from these, several new labels were printed and put up for the Scaup Duck, Mandarin Duck, etc., and a bold sign-board denoting foreign animals was painted and hung up at the entrance to this Gallery. Old and discoloured labels for dry specimens of shells and Invertebrate explanatory diagrams were also freshly printed and replaced, wherever necessary.

Preservation of reserve collections.—The Curator proceeded systematically with the thorough cleaning and replenishing with fresh rectified spirit or formalin of the large number of specimen bottles and jars stored in the reserve collections. Fresh rubber washers were provided for several of the kilner jars in which the old washers had perished and fresh labels were written in water-proof ink and pasted up wherever necessary. The specimen bottles in fifteen reserve collection almirahs containing specimens of Protozoa, Porifera, Coelenterata, Arachnida, Insecta, Crustacea, Echinodermata and Miscellaneous groups were thus personally attended to by the Curator. The system of sealing up the almirahs containing spirit specimens was continued during the year for greater security and a register to record the preservative treatment was started during the year. The cabinet drawers containing reserve collections

of insects were systematically provided with lysol and camphor solution and powdered naphthalene and the lining papers of these drawers were changed wherever they were soiled or discoloured.

ANTHROPOLOGY.

Additions to galleries.—The fire making apparatus used by the Sema Nagas of the Naga Hills, Assam, obtained as a gift from Mr. J. P. Mills, I.C.S., was exhibited in the case containing primitive devices for making fire in the Ethnology Gallery with suitable labels.

A set of eight Chanhu Daro objects made of carnelian and chaledony obtained as a permanent loan from the Department of Archaeology illustrating the manufacture of beads in the second millennium B.C. was exhibited in the Mohenjo Daro Gallery with suitable labels. The objects represent stages in the manufacture of beads.

Improvements.—Six cup-boards were provided for six of the sloping cases containing pre-historic antiquities of Adichanallur for storing reserve collections. The cloth lining of five show cases in the musical instruments galleries were repainted with distemper.

Labelling and preservation.—Six large urns from Malabar, Coimbatore and Perumbair stored in the Ethnology store were given preservative treatment of shellac and spirit and stored in the general godown. The leather shadow play figures in the reserve collection of ethnographical materials were given preservative treatment of castor oil and rectified spirit and stored. The show cases in the Ethnology galleries and the reserve collection cases were cleaned and replenished with naphthalene as usual this year. The faded labels in the prehistoric antiquities galleries and the Mohenjo Daro Gallery were renewed. The restoration and renumbering of pre-historic antiquities and ethnographic materials is in progress.

BOTANY.

Additions to galleries.—Eight specimens of oils and oil-seeds, three specimens of fibres, six specimens relating to cotton and fifteen photographic illustrations of the coir industry were exhibited in the Economic Products galleries, besides a few others. Specimens of *Michelia excelsa*, *Striga orobanchoides*, *Pectis papposa* and *Aristolochia bracteata* of the reserve collections, were exhibited in the Systematic Botany galleries.

Improvements to galleries.—All the show cases in the Economic Products galleries were re-arranged, so that congestion in some of the cases could be somewhat reduced and more specimens could be exhibited in certain other cases. All the forty-eight exhibits of vegetable oils were re-arranged in their systematic order.

Labelling and preservation.—Forty-five specimens, charts and photographs in the Botany galleries, including the model of handloom and the working model of bee-pollination, were renovated. Sixty-four botanical specimens in the reserve collections, were also renovated. Fifteen herbarium specimens in the reserve collections, were poisoned with alcoholic solution of corrosive sublimate. Two photographs in the Ecology galleries and one specimen in the Systematic Botany galleries, were rendered insect-proof. Fifty-one specimens were mounted, including three specimens relating to sandal-wood industry and fifteen specimens of flowering plants, collected by the Curator at the Kambakam forest.

Seventy-six labels were painted, fifty-four printed and twenty-eight neatly written out for the various specimens and groups of specimens. In all these new labels Tamil and Telugu names were also introduced wherever possible. Labels of forty-eight exhibits of gums and resins were better displayed. Index cards were prepared for one hundred botanical exhibits in the galleries.

GEOLOGY.

Additions to galleries.—A sample of semi-pertified resin and a climatic map of the world were exhibited in the General Geology Galleries. A reserve collection specimen of corundum in a matrix of gneiss was exhibited with the minerals. Four photographs of the Jharia Coal-field, Kargali Colliery, Raniganj Pottery Works and the Factory of Bengal Iron and Coal Co., Ltd., were exhibited in the Economic Geology Galleries.

Improvements to galleries.—A new show-case was made to order for the model of contours of Madras and its surroundings. A show-case with proper lining, was provided for a section of the fire-clay exhibits. An old show-case was renovated for the exhibit of corundum crystals in a matrix of gneiss. Twelve sloping cases were provided with better locking facilities. The locks of two show-cases were repaired.

Labelling and preservation.—The large exhibit of geological map of India, was treated with D.D.T. Eleven Permo-Carboniferous fossils were withdrawn for renovation. One lignite distribution map, belonging at present to the reserve collections, was renovated. Twelve geological specimens and charts were neatly mounted, including one climatic map of the world and seven minerals with radio-active elements.

Eight labels were painted, 186 printed and two neatly written out, for the various specimens and groups of specimens. In all these new labels, vernacular names were also introduced wherever possible. Index cards were prepared for 250 geological exhibits in the galleries.

ARCHAEOLOGY.

Improvements.—The work of removing the black colour of twelve of the show-cases in the metalware gallery was completed. Five show-cases in the same gallery which contained rain-stain were coated with distemper. The show-case containing models of Malabar utensils was small and the utensils being small objects were falling down frequently owing to handling by the visitors. In order to avoid this recurring, a larger case was utilized.

Labelling and preservation.—The labels of 30 metal images were moth-eaten and they were rebound and exhibited. Besides, the one-line labels for the smaller figures in the Metal Images galleries were completely renewed. In the New Extension, fifteen labels had to be replaced and a similar number provided with glass which were lost or broken. Six label brackets were damaged and they were replaced. In the Hindu Sculpture gallery thirteen labels were renewed. In the Buddhist and Jain galleries eighteen labels have been replaced. Besides, forty labels in English for the show-cases in the metalware gallery, were printed anew, provided with Tamil version and exhibited.

The work of numbering the Amaravati and other sculptures according to the Guide to the Buddhist antiquities was taken up this year and will be completed soon. Besides the numbers painted on stone sculptures and wood carvings which were fading slowly, were repainted.

RESTORATION AND PRESERVATION DONE IN THE CHEMICAL CONSERVATION SECTION.

During the period under review, twenty bronze images (of sizes ranging from 15 inches to 30 inches) were restored by electrolytic reduction. Twenty-nine smaller bronzes were treated chemically with alkaline Rochelle salt solution and restored. All the bronzes were given a preservative coating of 2 per cent celluloid solution in equal quantities of acetone and amyl acetate. Five soapstone images were cleaned with 10 per cent sodium carbonate solution.

Ninety-nine copper coins were cleaned with alkaline Rochelle salt and citric acid and coated with celluloid solution in amyl acetate and acetone. Sixteen silver coins were treated with formic acid and ammonia and restored. Twenty-one lead coins, some of which were heavily corroded, were restored by treatment with acetic acid (5 per cent) and sodium hydroxide (1 per cent) solution, and protected with a coating of vinyl acetate in rectified spirit. One lead coin was found to have been so much corroded and disintegrated that it was merely impregnated with paraffin wax and preserved. Seventeen Arab gold coins were cleaned with ammonia.

Eighteen wood carvings were treated with hot sodium carbonate solution (10 per cent) to remove the disfiguring tarry matter on them.

A heavy copper ingot was cleaned with alkaline Rochelle salt solution and dilute sulphuric acid alternately for finding out whether there was any writing upon it.

Twenty-six beads, obtained from a cave burial near Tanur and made of copper alloy, were cleaned with alkaline Rochelle salt solution and coated with celluloid for preservation. Two hundred and eight Carnelian beads, obtained from the same place, were cleaned with soap solution and classified according to size, shape and decorative details.

The weights of three hundred and twenty-five lead coins were determined for inclusion in a catalogue of these coins.

A coating of Ascu was given to a big wooden "Swan", kept in the National Art Gallery store-room, for protection against the attack of insects.

One iron dagger was cleaned with caustic soda (10 per cent).

Two "foxed" printed labels were cleaned with alternate baths of dilute bleaching powder solution and dilute hydrochloric acid.

Museum Technique.—A batch of students of Museology from Baroda were given instruction in the methods of chemical conservation of antiquities of different types.

Work in the galleries.—The galleries were inspected and cleaning done where necessary.

Research.—Experiments were done to apply the electrolytic method to the cleaning of coins in different metals.

PHOTOGRAPHIC WORK.

Zoology.—Three photographs, namely, (1) the Indian Garden Lizard; (2) the Grass Snake coiling round its eggs and (3) the Indian Toad were procured by the Curator, mounted suitably in cut-out mounts, bound with glass and calico and put up for exhibition in the appropriate cases in the Amphibian and Reptile galleries. Two photographs, one of the male and the other of the female Pink-headed Duck (*Rhodonessa caryophyllacea*) were taken and added

to the Zoology Sectional Album. A photograph showing the method of baking clay models, which was demonstrated at the Museum, was also added to the album.

Botany and Geology.—Three photographic enlargements, illustrative of the tea industry, were received free of cost from the Tea Board, Calcutta. Two colour transparencies, taken of the sample of screen cloth with scenes from the life of Shree Krishna, were taken. In accordance with a plan drawn up to fully utilize the wall-space in the Economic Products galleries, thirteen out of the required number of fourteen photographic enlargements, were got ready.

Archæology.—During the year sixty seven films, forty-four half-size negatives and twenty-four quarter-size negatives were added to the collection.

Anthropology.—One hundred and thirty negatives were added to the collection. Of these ten were of the Lepchas of the Himalayas, 100 of the tribes of India and the rest of miscellaneous subjects.

Numismatics.—During the year, two half size and twenty-five quarter size negatives were prepared.

Chemical conservation.—Four half-size negatives of images after their restoration were prepared.

PLANS FOR THE YEAR 1955-56.

Zoology.—Apart from carrying out the routine items of work involved in maintaining the galleries and reserve collections in good condition, it is proposed to execute the following plans during the year 1955-56 :—

Collecting more specimens of insects for the gallery and more bird skins for building up the study collection, of which a start has already been made during 1954-55.

Arranging for the construction and casing of a habitat group of the Pink-headed Ducks and exhibiting the Diorama in the Bird Gallery; exhibiting the skull and hoofs of the Giraffe and attractive coloured plates of foreign birds and mammals in their natural surroundings, in the Foreign Animals Gallery.

Extending the provision of teakwood background panelling in the place of unnecessary glass-panes to the remaining sliding cases in the Bird Gallery, and painting the interiors of all these cases with pale green paint, thus completing the interior painting of show-cases in this gallery. Extending pale grey colour scheme to other cases in the Mammal Gallery. Fixing up suitable wooden railings for the ornamented tusks of the Indian Elephant. Extending electrification to Bird and Mammal Galleries and providing dark blue curtains for all windows in these galleries to avoid glare which affects the specimens adversely.

Extending labelling in Indian languages to more exhibits and renovating old and discoloured labels in the Invertebrate and Mammal Galleries. Providing more descriptive labels in the Bird and Invertebrate Galleries.

Continuing the replenishing, re-washing and re-labelling of reserve collection specimen jars and re-arranging the reserve collection boxes of shells, corals, sponges and Echinoderms in their proper systematic order. Continuing lysol, camphor and naphthalene preservative treatment for insect cabinets.

Continuing systematic work on South Indian Land and Fresh Water Molluscs, and preparation of rough draft of the Guide to the Zoological Galleries.

Adding framed photographic enlargements showing various breeds of cattle and poultry to the General Gallery, and photographs of any notable new additions to the Zoology Sectional album.

Conducting a collecting tour to Tada for collecting birds and to Mettur for collecting fresh specimens of freshwater fishes and molluscs.

Botany.—Some of the specimens collected by the Curator during his recent tours, will be added to the reserve collections, and a few others will be kept over for his researches.

Specimens pertaining to tea, tobacco and sandalwood industries will be added to the exhibits in the Economic Products Galleries. A beautiful specimen of lichen, collected by the Curator during his recent tours, will be exhibited in the Ecology Galleries.

It is hoped to organize a sub-section of sandalwood industry in the Economic Products Galleries.

Preparation of index cards for the exhibits will be pursued.

Some of the newly-acquired specimens will be treated for colour-preservation.

Study of ferns of the Madras State will be pursued.

Geology.—A couple of geological specimens collected by the Curator during his recent botanical tours, will be added to the collections. Minerals with radio-active elements will be exhibited in the galleries. A better illustration of the glass industry will be put up. A special exhibition of glass will be conducted.

Anthropology.—The provision of storage space for the increasing number of ethnographic materials and pre-historic antiquities is being keenly felt and it is proposed to build cup-boards for the existing sloping cases of the pre-historic antiquities galleries. Of these six have already been provided with cup-board space. The provision of cup-board accommodation for the other sloping cases is under view. The re-organization of the anthropological galleries with a view to modernization of exhibit cases and display will be taken up after provision of proper storage space for the reserve collections.

Archaeology.—New and interesting images of metal will be displayed in the metal images gallery. The pending work of displaying the paintings reserved for the Art Section will be completed. The painting of numbers on the Amaravati sculptures and on the other items will be continued. The renewal of the labels in the metal-ware gallery will be completed. The work on the Jain Sculpture and the cataloguing of copper plate grants will be continued.

Numismatics.—The Curator proposes to finish the work of transfer of the coins from the Accession to the Stock Register before the end of the year.

The Curator has taken up the study of South Indian numismatics with a view to preparing a Catalogue of South Indian Coins and publish a work on South Indian numismatics.

Attempts will be made to secure for the Coin Cabinet of this Museum those coins in which this Museum is deficient. It is proposed to approach private collectors of coins for the purchase of Gupta gold coins, and Pallava and Pandyan coins for this Museum.

GOVERNMENT MUSEUM, MADRAS,
31st May 1955.

A. AIYAPPAN,
Superintendent.

II

ADMINISTRATION REPORT OF THE NATIONAL ART GALLERY, MADRAS.

During this year, Sri G. Venkatachalam, M.L.C., was nominated to the Special Committee for the National Art Gallery (vide Government Memorandum No. 123901-E5/54-2, Education, dated 24th December 1954). The Committee met twice during the year to transact important items of work. At its first meeting held on 7th December 1954 it resolved to request the Government for more funds, but owing to financial stringency, funds were not available. At its second meeting held on 25th February 1955 the Committee decided on the purchase of nine paintings and also decided to purchase the beautiful bronze figure entitled "When Winter Comes" by Sri D. P. Roy Chowdhury. Government were addressed in this matter and they sanctioned the acquisition of the bronze. By another resolution the Committee decided to re-submit the proposal to get Japanese and Chinese works of art in exchange for duplicate or surplus specimens of the Museum including a few bronzes. Accordingly a reply was sent to Government for transmission to the Government of India. The Committee also resolved to approach the Central Government through the Lalit Kala Akademi for financial assistance for the development of the Gallery.

During this year a number of very distinguished persons and delegations visited the National Art Gallery. Among them were His Excellency Marshal Tito, President of Yugoslavia; Sir Howard D' Egville, Secretary-General of the Commonwealth Parliamentary Association, London; Sir Ronald Fisher, Professor of Genetics, Cambridge University; Professor Lionello Venturi, Professor of Art, University of Rome; Mr. Md. Ghazanfar Ali Khan, High Commissioner of Pakistan in India; Count de Grunney of Holland; Mr. S. C. S. Corea, Minister for Industries, Ceylon Government; Yuvaraj Karan Singh of Kashmir; Maharaj Kumar of Sikkim; Dr. Bhagavan Das of Benaras; and Sri K. C. Das Bhay of Dasapalle, Minister for Industries, Government of Orissa. Two cultural delegations, one representing the Peoples' Republic of China, visited the National Art Gallery.

The funds available for purchase being very meagre, only nine paintings could be acquired during the year; the cost of acquisition of the bronze figure by D. P. Roy Chowdhury mentioned above is to be met from the 1955-56 budget.

We continued to receive copies of the art journal "Connoisseur" from the British Council this year also.

The wooden doorway of Room No. III was removed from its position and stored in the long hall in the rear, as suggested by the Committee.

The number of visitors totalled to 73,323 during this year as against 63,946 visitors in 1953-54, showing an increase of 9,337, the daily average number of visitors during this year being 237.

During the year the four sloping show-cases and the two vertical show-cases were provided with the tube-lights and two flood-lights were fitted up in Room No. III.

A few opinions recorded by very distinguished visitors to the National Art Gallery are appended below to show its increasing popularity as well as its position among institutions of its kind :—

Mr. Lionello Venturi, Professor of Art, Rome University—

“ Full admiration for the bronzes which are unique in the world.”

Mr. Ghazanfar Ali Khan, High Commissioner for Pakistan in India—

“ I was glad to have seen the Art Gallery and some of the paintings are superb.”

Yuvaraj Karan Singh of Kashmir—

“ I was delighted to visit this Museum and to see the magnificent collections.”

Dr. Bhagavan Das of Banaras—

“ Some very artistic bronze figures and excellent modern paintings by Ravi Varma and Roy Chowdhury.”

Mr. S. C. Shviley Corea, Minister for Industries, Ceylon Government—

“ I consider myself lucky that I was able to see the marvellous bronzes.”

NATIONAL ART GALLERY,
PANTHEON ROAD, MADRAS-8,
31st May 1955.

A. AIYAPPAN,
Superintendent.

III

ADMINISTRATION REPORT OF THE GOVERNMENT MUSEUM, PUDUKKOTTAI.

GENERAL.

Visitors.—The total number of visitors during the year was 121,769 and the daily average was 433, against 405 of 1953-54. Fifty educational institutions were benefited by their visit to the Museum. The Museum was open to the public for 281 days.

In spite of its being located 2 miles from the Town in a building which unfortunately is by no means suitable for its purpose, the Museum is growing every year more popular, useful, instructive, and interesting to the people of Pudukkottai, and its neighbouring districts.

Distinguished visitors.—Among the distinguished visitors to the Museum were Shri Shilendra K. Singh of the Ministry of External Affairs, New Delhi, Major Atmaram, Officer Commanding, Tiruchirappalli, and his family, Sri S. P. Srinivasan, Sub-Collector, Pudukkottai, and his wife Srimathi Janaki Srinivasan, Sri K. Viswanatha Nair, District Superintendent of Police, Tiruchirappalli, and his wife, Sri V. Lakshminarayanan, Deputy Superintendent of Police, Tanjore, L. D' Souza, Inspectress of Schools, Tanjore Circle, Sri U. Achutha Warriar, Seed Development Officer, Coimbatore, Sri K. L. Bharathi, M.A., Commercial Tax Officer, Tiruchirappalli, and his wife, Rev. Father Bazou, S.J., of Tuticorin, and Sri S. Sivasubramanyam, advocate, Devakottai.

Extra-mural activities and assistance to educational institutions.—On 13th November 1954, I gave a talk in English on ‘ Modern trends ’ in the series ‘ Architecture of Tamilnad ’ in the All-India Radio Station, Tiruchirappalli. Lecture demonstration classes and help in starting school Museums were, as usual, given to the schools in Pudukkottai and its neighbourhood.

A batch of students of the Department of Indology of the University of Mysore led by their teacher visited the Museum in the last week of December 1954. They were given facilities to study. A letter of appreciation and thankfulness from their Professor, Sri K. A. Nilakanta Sastri, was gratefully acknowledged.

Reverend Father Brazon, S.J., of Tuticorin, and Sri S. Sivasubramanyam, advocate, Devakottai, who were interested in Pre-history were taken round the Museum, and shown the exhibits in the galleries. Full information on the pre-historic burial sites, and places of historical interest, and archaeological importance in Pudukkottai area was furnished to them which they much appreciated. Sri S. Dhanapal of the Government School of Arts, Madras, was given all help in his work on the Sittannavasal frescoes for the Congress Exhibition at Teynampet, Madras. Six photographs of the Sittannavasal frescoes were lent through him for the purpose. I went in the same connection to Sittannavasal to take actual measurements of the Dancing Apsara and the ‘ Bhavya ’ as desired by the Superintendent, Government Museum, Madras.

Galleries, buildings and gardens.—The old show-cases were repaired and varnished and their interior painted. Four new show-cases were made, two for the Arms and Armour gallery, one for the Botany and one for the Zoology sections. The broken glass-panes were renewed. Large bi-lingual name-boards were put up, and the old and faded labels of the exhibits were renewed. The specimens were cleaned, the old and useless removed and replaced by new ones from the reserve stock. The preservative solutions were renewed. There was a complete re-arrangement of the galleries for a better display.

The annual petty repairs to the buildings were executed at a cost of Rs. 350.

The gardens were, as usual, looked after by the peons in turns under the supervision of the Curator, and they continued to add their share of beauty, attractiveness and usefulness to the Museum.

WORK IN THE SECTIONS.

Geology.—Lime nodules from Tondaiman Nallur in Kolattur taluk, and laterite changing into gravel from Tiruvarangulam in Alangudi taluk were collected by the Curator, and added to the minerals of the Pudukkottai territory. Some of the unidentified minerals in the ‘ General collections ’ were identified, and the typed labels of the exhibits were replaced by Indian ink ones. A slight re-arrangement of the section was made for a better show. A geological map of the Pudukkottai area is under preparation.

Botany.—Brief explanatory notes for the specimens on the ‘ External morphology of flowering plants ’ were prepared. A few interesting photographs were displayed. The specimens shown in Appendix IV were added.

Zoology.—The mammalian gallery was entirely reorganized. Their skeletons and skeletal parts were clearly and prominently displayed. A new show-case was made for the skeleton of the anthropoid ape. The skeletons

and their parts were well cleaned and varnished, and new Indian ink labels were put up. Brief notes for the specimens were also provided.

The Insectivores were separated from the Rodents and were exhibited clearly and well. In the reptile gallery the case containing the skeleton of the cobra (*Naja naja*) was cleaned, and the bottom was lined with blue drill cloth.

The Arthropoda gallery was cleaned, and new bi-lingual labels in Indian ink were put up. The specimens found in Appendix IV were added.

Economic Section—Agriculture.—The coloured attractive posters and charts presented by the District Agricultural Officer, Tiruchirappalli, were displayed in their proper place. Samples of timber used for making agricultural tools, implements, etc., and shown in Appendix IV were exhibited with printed notes on them in English and Tamil kept by their side. A brief note in Tamil on the 'Grow More Food' campaign was exhibited by the side of the cabinet containing samples of improved seeds and manures and fertilizers. The wooden models of the tools and implements employed in South Indian agriculture and the irrigation devices were cleaned and varnished, and labelled in English and Tamil. A model single mould-board iron plough was displayed along with the country wooden plough for comparison. The herbarium sheets in the Mycology gallery were renewed, labelled bi-lingually, and exhibited better. The section continued to attract visitors, specially those from the rural areas.

Arts and Industries.—The cataloguing and numbering of the specimens on the lines of the Madras Museum were taken up and finished. The exhibits were cleaned, re-arranged and re-labelled bi-lingually in Indian ink. The old and worn-out silk mat of Pattamadai in Tirunelveli district was replaced by a new one from the reserve stock.

Anthropology.—Knives of different types, Sword Line Boys, Italian Bayonet Rifle 10-35 M.M., Jap. Bayonets, Lances of sort, and French Rifle 8 M.M. presented by the Ordnance Officer, Allahabad, were the interesting additions.

A separate show-case was made for exhibiting the Gurka knife and its sheath presented by the Additional First-class Magistrate, Pudukkottai, and another case was prepared for the gas mask in the 'Modern War Appliances' gallery.

The few unidentified musical instruments were identified, and all the instruments were numbered and labelled.

The jewellery show-case was lined inside with white drill cloth for a better display.

Archæology.—The marble Amaravati sculptures were identified, numbered and labelled. The plaster-cast model of one of the shrines of Muvarkovi of the 10th century A.D. at Kodumbalur in Kolattur taluk was exhibited better in its case by having its bottom lined with blue drill cloth. A brief explanatory note on it was put up. The gap left in the gallery of the Kodumbalur sculptures by the removal of the most beautiful sculptures of art and workmanship of Tripurantakamurti and Tripurasundari to the Madras Museum was in a way filled by the cement casts of the said sculptures made at the Madras Museum and kindly sent over to this Museum by the Superintendent. The sculptures and bronzes were all numbered and labelled. With a view to acquire sculptures of worth and beauty as desired by the Superintendent Government Museum, Madras, I started touring from December 1954 to sites of archæological importance in the Pudukkottai area and covered Kolattur

and Alangudi taluks. Arrangements would shortly be made to bring under the roof of this Museum the ancient sculptures of beauty and workmanship found in the places visited. The tours would be extended to the remaining Tirumayam taluk in Pudukkottai Division, and to the other parts of the Tiruchirappalli and Tanjore districts also.

Numismatics.—Five hundred and seventy-three copper coins and 6 coins of cupric alloys were re-arranged during the year.

Two hundred and fifty-five coins consisting of 38 silver, 2 nickel, 210 copper and 5 of cupric alloys were sent for identification to the Madras Museum. When the coins are received back they would be re-arranged, and the re-arrangement of the coin collections numbering 2,117 of this Museum comprising 780 gold, 280 silver, 42 lead, 8 nickel, 996 copper and 11 of cupric alloys would be over.

Library.—Appendix V shows the books which were added to the library. It continued to serve the Curator and the interested visitors with the same usefulness and importance as before.

Equipment including furniture and fittings.—The office was equipped with a typewriter table costing Rs. 74 from the Central Jail, Tiruchirappalli. Rs. 352-12-0 were spent in making the four show-cases and in repairing the old ones.

Staff.—The vacant post of the Taxidermist was filled by Sri S. George Peter from the Madras Museum who remained here from 22nd April to 18th May 1954 when he was deputed to the Madras Museum to undergo training in Taxidermy.

Sri G. V. Mohan Naidu, junior Taxidermist, Madras Museum, was transferred to this Museum in the place of Sri S. George Peter, and he joined duty on 4th October 1954.

Government were pleased to sanction two additional peons for one year from the date of appointment to cope with the increased work in the expanding galleries and sections. M. Sivasankaran and P. M. Mani Asari, candidates recommended by the Sub-Regional Employment Officer, Tiruchirappalli, were selected and appointed for the posts from 21st February 1955.

The services of the temporary night watchman, Dharmalingam, were terminated on 29th December 1954 and his place was filled on 10th March 1955 by M. Satyamurti, a candidate selected from the list of names recommended by the Sub-Regional Employment Officer, Tiruchirappalli.

Sri V. Krishnan, Head clerk, Government Museum, Madras, was here from 13th to 17th June 1954 to inspect the office.

Tours.—The Curator went to Tanjore in December 1954 along with his Technical Assistant to despatch the selected bronzes from the Tanjore Art Gallery to Madras for the Congress Exhibition. He spent four days on tour in this connexion.

As desired by the Superintendent, Government Museum, Madras, the Curator toured for 39 days in Kolattur taluk and 15 days in Alangudi taluk from December 1954 to March 1955 with a view to find out and acquire ancient sculptures lying loose and scattered about, uncared for. He went to Sittannavasal for a day to take actual measurements of the figures noted by the Superintendent, Madras Museum, in connection with the participation of the Madras Museum in the Teynampet Congress Exhibition.

The Technical Assistant, Sri T. Venugopal, went to the Madras Museum on a study trip for 11 days from 7th to 17th May 1954. He accompanied the

Curator to Tanjore to assist him in the despatch of the selected bronzes from the Tanjore Art Gallery to Madras, and he went to Madras to deliver the bronzes at the Madras Museum.

The Curator, Sri T. S. Sundaram, was on leave on average pay for 21 days from 3rd to 23rd April 1954. The Museum was looked after by the Technical Assistant, and the clerk was in charge of the office routine work.

Sri G. V. Mohan Naidu, Taxidermist, was on leave on average pay for seven days from 27th October to 2nd November 1954, both days inclusive.

Last grade service.—Karuppan was on privilege leave for four months from 21st June 1954, and Arumugam was also on privilege leave for four months from 21st October 1954.

M. Sivasankaran, a candidate selected from the panel of names recommended by the Sub-Regional Employment Officer, Tiruchirappalli, was appointed as a substitute in both the vacancies.

GOVERNMENT MUSEUM, PUDUKKOTTAI,
22nd April 1955.

T. S. SUNDARAM,
Curator.

IV

ADMINISTRATION REPORT OF THE CONNEMARA PUBLIC LIBRARY.

EXCHANGES.

The number of institutions sending their journals in exchange for the Museum Bulletin was 203 and the number of different journals received from those institutions was 393. The number of standard works sent by them was two. During the year under report the following institutions were added :—

- (i) The Library of Congress, Washington.
- (ii) National Science Museum, Tokyo, Japan.
- (iii) Departments De Zoologia, Secretaria da Agricultura, Biblioteca, Caixa Postal 7172, Sao Paulo, Brazil.

CONNEMARA PUBLIC LIBRARY, MADRAS.
12th May 1955.

K. GOVINDA MENON,
Librarian.

APPENDICES RELATING TO GOVERNMENT MUSEUM, MADRAS.

APPENDIX I.

COMPLETE LIST FOR THE YEAR 1954-55 OF TREASURE-TROVE COINS IN THE MADRAS STATE.

Treasure-trove number.	Accession number.	Particulars.	Metal.	Number found.	Number recovered.	Number acquired.
<i>A. Acquired by the Museum.</i>						
..	853	One single Swami pagoda and 22 old star pagodas of the English East India Company, found in Singampunari village, Tiruppattur taluk, Ramanathapuram district.	Gold.	Not known.	1,575 small, 23 big.	23 big only.
602	857	One one rupee coin of William IV, 1835. Sixteen one rupee coins of Victoria and six 1/8 rupee coins of Victoria. Found in Soachani tank, Tiruvadanai taluk, Ramanathapuram district.	Silver.	23	23	23
<i>B. Not acquired.</i>						
582	..	Small pieces of gold coins	Gold.	204	204	..
585	..	Gold small coins	Gold.	13	13	..
587	..	Queen Victoria one rupee silver coins.	Silver.	283	283	..
		Queen Victoria one rupee silver coins with inscriptions "East India Co." on the reverse.	Silver.	17	17	..
		One silver rupee coin of William III with inscription "East India Co." on the reverse.	Silver.	1	1	..
588	..	Small coins	Gold.	1,575	1,575	..
590	..	Ancient gold coins with ornamental inscriptions on both sides.	Gold.	Not known.	8	..
592	..	Victoria Empress	Silver.	69	69	..
		Victoria Queen	Silver.	21	21	..
		Edward VII	Silver.	48	48	..
		George V	Silver.	41	41	..
		George VI	Silver.	14	14	..
593	..	Three big gold coins	Gold.	3	3	..
		Four small gold coins	Gold.	4	4	..
594	..	Gold coins	Gold.	9	9	..
595	..	Gold coins	Gold.	150	150	..
596	..	Gold coins	Gold.	273	273	..
597	..	Gold coins with Arabic script ..	Gold.	8	8	..
		Medium size gold coins with Arabic script.	Gold.	3	3	..
		Gold coins with Buddha or Lakshmi designed.	Gold.	2	2	..
		Small gold coins with Sri Rama designs called Ramamudrikas.	Gold.	16	16	..
600	..	Puthiyapanam	Gold.	141	13	..
604	..	Veeraroyan gold coins	Gold.	170	170	..
607	..	Gold pieces locally called 'Milagai Virai'.	Gold.	12	12	..
608	..	Small gold coins commonly known as "Chilly seeds".	Gold.	25	25	..

APPENDIX II.

LIST OF TREASURE-TROVE FINDS FROM THE MADRAS STATE—COINS EXCEPTED.

Treasure-trove number.	Accession number.	Particulars.
<i>A. Acquired.</i>		
586	289/54	Durga. Bronze. Height 11"; breadth 6½". From Pudukudi South, Tanjore taluk, Tanjore district. She stands on <i>padmasana</i> over <i>bhadrāsana</i> , wears <i>kiritamakuta</i> , <i>makarakundalas</i> and <i>chhannavira</i> . Holds conch and discus in her upper hands. In the lower right hand holds something and the left hand is in <i>katyavalambita</i> post. <i>Sirascakra</i> is present and there is a <i>prabha</i> around the figure.
586	290/54	Durga. Bronze. Height 10½"; breadth 6". From the same place. Stands on the usual pedestals but the head of a buffalo is seen on the <i>padmasana</i> . Wears <i>kiritamakuta</i> , <i>patrakundalas</i> , <i>kucabandha</i> , bracelets, <i>padasaras</i> and other ornaments. Holds conch and discus in the upper hands while the lower right hand is in <i>abhaya</i> and the lower left in <i>katihasta</i> poses. A <i>prabha</i> encircles the figure.
586	291/54	Karuppanaswami. Bronze. Height 7½". From the same place. The figure stands on a <i>bhadrāsana</i> . His hair is tied up in a knot over the head. Holds a sword in his right hand and a staff in his left hand.
586	292/54	Saint with beard. Bronze. Height 6½". From the same place. Stands on a round pedestal, leaning on a staff. His hair is tied up into a knot. His right leg is bent and kept behind the left leg.
586	293/54	Durga. Bronze. Height 8½". From the same place. The figure stands on <i>padmasana</i> over <i>bhadrāsana</i> . The buffalo head is carved on the pedestal. She wears the usual ornaments and <i>kucabandha</i> and <i>chhannavira</i> . The figure has a <i>prabhavali</i> around it which is detachable.
586	294/54	Devi seated on a deer. Bronze. Height 6½". From the same place. She wears a <i>kiritamakuta</i> and <i>kundalas</i> . The other usual ornaments are present. She also wears <i>padasaras</i> .
586	295/54	Prasanna Ganapati. Bronze. Height 3½" breadth 2½". From the same place. The figure stands on a round pedestal and holds <i>pasa</i> and <i>ankusa</i> in the upper hands. The other ornaments are present. The figure is surrounded by an ornamental <i>prabhavali</i> .
586	296/54	Cobra with four coils and a hood. Bronze. Height 3". From the same place.
586	297/54	Broken Pitha. Bronze. From the same place. A <i>padmasana</i> over a <i>bhadrāsana</i> . Buffalo head is seen on the <i>padmasana</i> .
586	298/54	Handle of bell (broken). Bronze. From the same place.
586	299/54	A broken wheel. Bronze. From the same place.
593	300/54	Goddess Parvati. Bronze. Height 23"; breadth 6". From Kayavur, Pattukkottai taluks, Tanjore district. She stands on <i>padmasana</i> over <i>bhadrāsana</i> in the <i>tribhanga</i> pose. Hands are in <i>kataka</i> and <i>lola</i> poses <i>Jatamakuta</i> , necklaces, <i>keyuras</i> , etc., are present, <i>Sirascakra</i> is missing. One of the prongs of the pedestal is missing.
599	301/54	Bhu Devi. Bronze. Height 23"; breadth 6". From Neduvasal, Mayuram taluk, Tanjore district. She stands on <i>padmasana</i> over <i>bhadrāsana</i> in the <i>tribhanga</i> pose. She wears the usual ornaments. <i>Sirascakra</i> is present.
599	302/54	Devi. Bronze. Height 17½"; breadth 4½". From the same place. This is similar to previous item but smaller and its workmanship is not good. <i>Sirascakra</i> is not present.
605	303/55	Ganesa standing. Bronze. Height 5½"; breadth 3½". From Puthur east, Tiruchengode taluk, Salem district. It has no pedestal. The trunk and tusks are not natural. Wears the usual ornaments.
605	304/55	Siva as Natesa. Bronze. Height 3' 3¼" (with pedestal and <i>prabha</i>); breadth 2' 1½". From the same place. Dances as usual on <i>apasmara</i> . Wears the usual ornaments. Its two <i>jatas</i> are separate. And its <i>prabha</i> is in three parts. The figure is broken below the ankle of right foot, and therefore it and the pedestal with <i>apasmara</i> are separate.

LIST OF TREASURE-TROVE FINDS FROM THE MADRAS STATE—COINS EXCEPTED—cont.

A. Acquired—cont.

Treasure-trove number.	Accession number.	Particulars.
605	305/55	Siva as Vinadhara Dakshinamurti. Bronze. Height 2' 8"; breadth; 1' 1½". From the same place. Stands on <i>padmasana</i> over <i>bhadrāsana</i> in graceful <i>tribhanga</i> pose. Wears <i>jatamakuta</i> and other ornaments. The upper two hands hold <i>parasu</i> and deer but they are broken and separate. The lower hands are in the pose of holding the <i>vina</i> . It is a good specimen.
605	306/55	Goddess Parvati. Bronze. Height 2' 2"; breadth 8". From the same place. She stands on two <i>asanas</i> . Wears <i>Karandamakuta</i> . The <i>bhanga</i> is not much. Wears also other usual ornaments. Right hand holds a lily and the left is in <i>lola</i> . It appears to be an ancient specimen but the face is not worked well.
605	307/55	Goddess Parvati. Bronze. Height 2' 2"; breadth 6". From the same place. She stands on a double circular <i>asana</i> which is placed on a separate <i>bhadrāsana</i> of square shape. There is a <i>prabha</i> around it. A long plate is attached to the figure probably to hold an umbrella above. She wears the usual ornaments. The workmanship is rather peculiar and is akin to that of other figures done in the folk style.

LIST OF TREASURE-TROVE FINDS—COINS EXCEPTED.

B. Not acquired.

Archæology.

Treasure-trove number.	Particulars.	Metal.	Number found.	Number recovered.	Number acquired.
(1)	(2)	(3)	(4)	(5)	(6)
591	Perumal with Peedam consisting of two broken parts.	Alloy of copper and brass.	1	1	Nil.
	Nachiar Amman with Peedam ..	Do.	1	1	Nil.
605	Three legged stool of which one leg is broken.	Wood	1	1	Nil.
	A vessel and lid of it ..	Copper	1	1	Nil.
	Bronze lamp ..	Bronze	1	1	Nil.

Anthropology.

582	Gold ornaments ..	Gold	5	5	Nil.
	Metal urn which contained the above.	Copper	1	1	Nil.
583	Silver anklets ..	Silver	8	8	Nil.
	Silver bangles ..	Do.	2	2	Nil.
	Silver sheet anklet ..	Do.	2	2	Nil.
	Waist thread of silver pieces ..	Do.	3	3	Nil.
	Silver necklace ..	Do.	1	1	Nil.
	Silver necklace made of rings ..	Do.	1	1	Nil.
	Silver bangle ..	Do.	1	1	Nil.
	Silver rings ..	Do.	6	6	Nil.
584	Ancient temple jewels and peculiarly designed sheets.	Details not given.	..	..	Nil.
585	Waist rope 12½" long ..	Gold	1	1	Nil.
	Small tube, 2 ½" long ..	Do.	1	1	Nil.
	Gold ear jewels ..	Do.	2	2	Nil.
	Gold ear ring ..	Do.	1	1	Nil.
	Gold screw ..	Do.	1	1	Nil.
589	Gold kammal ..	Do.	1	1	Nil.
	Gold ring ..	Do.	1	1	Nil.
	One small bit of gold ..	Do.	1	1	Nil.
597	Jewels like Makarakundalas ..	Do.	2	2	Nil.
	Gold rings ..	Do.	2	2	Nil.
	Gold ornaments called nanukollu.	Do.	10	10	Nil.
	Gold wire twisted into a jewel called jampu.	Do.	1	1	Nil.

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LIST OF TREASURE-TROVE FINDS — COINS EXCEPTED—cont.

B. Not acquired—cont.

Anthropology—cont.

Treasure-trove number. (1)	Particulars. (2)	Metal. (3)	Number found. (4)	Number recovered. (5)	Number acquired. (6)
	Gold wires	Gold ..	2	2	Nil.
	A gold jewel with silver rod called a ear jewel.	Do. ..	1	1	Nil.
	Gold sheets removed from bangles.	Do. ..	4	4	Nil.
	Gold trinket without description.	Do. ..	1	1	Nil.
	Silver Bangles	Silver ..	2	2	Nil.
601	A cake of copper metal, 7½ lb. in weight.	Copper ..	1	1	Nil.
606	Golden "Sandi Binda" 8½ tolas in weight.	Gold ..	1	1	Nil.
	Golden "Nagothu" 4½ tolas in weight.	Do. ..	1	1	Nil.

APPENDIX III.

OTHER NOTABLE ADDITIONS TO THE COLLECTION.

Accession number.	Particulars.
	<i>Anthropology.</i>
36/54	Mine from Stalingrad presented by Yogi Shuddananda Bharati Madras-17.
37/54	A steel sword with a decorated hilt and a metal scabbard presented by Mr. Mir Shah Nawaruddin Khadir, Madras-14.
38/54	A set of 14 wooden ornaments worn by dancing girls of Karvetnagar consisting of (1) a fillet with Surya-prabha and Chandra-prabha, (2) Jadakucnu, (3) Veni-Haram, (4) Jada billa, (5) Rakadi, (6) Oddiyanam, (7) Karna bushanam, (8) Bracelets, (9) Armlets, (10) Tassels for the arms, (11) Gajjai or joggling bells, (12) Waist and, (13) A haram of blue cloth and (14) Kantabaranam, Purchased for Rs. 41 from K. Ramamurthy, Madras.
39/54	A wooden plate with a chakra in the middle purchased for Rs. 5.
1/55	Breastplate of brass.
2/55	Ten short daggers.
3/55	Fifteen knives of different types.
4/55	Twenty lances of sort.
5/55	Fifteen lances of sort.
6/55	Eight short lances (line Boys).
7/55	One spear (Sang of Sort.)
8/55	One Bayonet (Sangeen Meun).
9/55	One Sarota Brass.
10/55	One sword (line Boys).
11/55	One Italian bayonet rifle 10-35 M.M.
12/54	One Japanese bayonet.
13/55	One Japanese rifle 605 M.M. Megi Type M. 38.
14/55	One Japanese carbine 6.5 M.M. Car. W/Bay.
15/55	One Italian carbine 8 M.M.
16/55	One French rifle 8 M.M.
17/55	One Snider rifle.
1/65 to 17/55	The above seventeen items were presented to the Museum as non service pattern equipment from the Ordnance Depot of the Ministry of Defence at Allahabad.
18/55	Picture of Bhagavathi of Kuniyil Kavu, Kozhikode. Purchased for Rs. 12-8-0.
19/55	Picture of Angakkaran of Kanakathur Kavu, Cannanore. Purchased for Rs. 12-8-0.

Accession number.

Particulars.

Archæology.

- 1097/54 Portrait bust of His late Highness the Maharaja Bhup Bahadur of Kooch-Bihar, in water colour on ivory by Sri K. Venkatapa of Bangalore, 3" x 2.7" (without mount). Presented by the artist.
- 1098/54 Two hundred and one paintings of Children representing various countries, which were presented to Sri C. Rajagopalachari the former Chief Minister of Madras, by Sri Shankar of the "Shankar's Weekly", New Delhi. Ordered to be kept in the Museum (vide Government Memorandum No. 34318-E5/54-1, Education, dated 12th April 1954).
- 1099/55 Chinese House-boat in ivory. Length 14½"; Height 7½"; breadth 3½".
- 1105/54 Chinese laughing Buddha in wood. Height 3½"; breadth 6".
- 1106/54 Mother-of-pearl inlay work on rosewood. Length 2' 1½"; breadth 1' 3".
- 1107/54 Similar to above. Length 2' 1½"; breadth 1' 3".
Items 1099 and 1105 to 1107 are got in exchange from Sri T. N. Sethuraman Chettiar of Pondichery, for Museum articles (vide G.O. Ms. No. 601, Education, dated 30th April 1954).
- 1108/54 Twenty-three paintings of school Children of Madras State, that have been awarded prizes at the Madras State Children's Art Exhibition held during February 1953.
- 1109/54 Vallabha Ganapati in wood. Height 3'; breadth 1' 6".
- 1110/54 Shanmukha in wood. Height 33"; breadth 17".
- 1111/54 Lingodbhavamurti in wood. Height 3'; breadth 1½".
- 1112/54 Siva as Natesa in wood. Height 34"; breadth 15".
- 1113/54 Elephant, bracket figure in wood. Height 35"; breadth 51".
- 1114/54 Dvarapalaka in wood. Height 24"; breadth 15".
- 1115/54 Dvarapalaka in wood. Height 25"; breadth 15½".
- 1116/54 Dvarapalaka in wood. Height 24"; breadth 14½".
- 1117/54 Kali standing in wood. Height 24½"; breadth 13".
- 1118/54 Woman with Vina on makara (Ganga) in wood. Height 25"; breadth 14½".
- 1119/54 Similar to above but with left leg across the right one in wood. Height 24"; breadth 14".
- 1120/54 Lakshmi standing in wood. Height 25"; breadth 15½".
- 1121/54 Sankhanidhi in wood. Height 24"; breadth 15".
- 1122/54 Gana holding shield etc., in wood. Height 26"; breadth 15".
- 1123/54 Gana blowing a conch. Height 28"; breadth 15½".
- 1124/54 Dancer or a soldier in wood. Height 18"; breadth 7½".
- 1125/54 Snake charmer in wood. Height 18"; breadth 7½".
- 1126/54 Ascetic or sage performing penance in wood. Height 2'; breadth 9½".
- 1127/54 Sage in *anjali* in wood. Height 17"; breadth 6½".
- 1128/54 Isana in wood. Height 10"; breadth 4½".
Items 1,109 to 1128 are wood carvings of a temple car belonging to Siva temple at Kalaiyarkovil, Ramanathapuram District. Presented to the Museum by the Raja Sahab of Sivaganga, the Trustee of the temple.
- 1129/54 Gajendramoksham. Copy of a mural painting at the Krishna Vilasam Palace, Trivandrum, Length 6' 7"; breadth 5'. Purchased.
- 1130/54 Forty-five reproductions and thirty-five lithographs of different sizes. Presented by the British Council, London, through the kind offices of the S.C.G. Bach, its regional representative, Madras.
- 1131/54 Devi standing on padmasana. Holds a "sickle-sword" in her right hand. Left hand is broken. Wood. Height 17½"; breadth 7½" from Pattambi, Walluvanad taluk, Malabar District.

Accession number.	Particulars.
<i>Archæology—cont.</i>	
1132/55	Siva and Parvati on Bull. Height 10½"; breadth 7½".
1133/55	Three women attendants. Height 10½"; breadth 7½".
1134/55	Sakhi of Parvathi. Height 13"; breadth 6½". Items 1132 to 1134 are copies of mural paintings at Lepakshi. Purchased.
1135/55	Goddess with pot-belly with two hands and <i>karanda makuta</i> . Stone. Height 2' 11"; breadth 2'; width 11". Transferred from the District Registrar's Office, Vellore, North Arcot District.
1136/55	Copy of Tripurantakamurti panel of Chola painting at the Tanjore Big temple. Height 11"; breadth 9". Purchased.
1137/55	Copy of Siva in Kailas panel of Chola painting at the Tanjore Big temple. Height 4'; breadth 5' 10". Purchased.
1138/55	Copy of lotus pond of the Pallava painting in the Jaina cave temple at Sittannavasal. Height 5'; breadth 6'. Purchased.
1139/55	Copy of dancer of the Pallava painting at Sittannavasal. Height 27½"; breadth 23½". Purchased.
1140/55	"Lake". Landscape painting in water colour. Height 19"; breadth 32". Purchased.
1141/55	"Corporation Band". Study in oils. Height 25"; breadth 30". Purchased.
1142/55	"Palms and Huts". Landscape painting in water colour. Height 27½"; breadth 18". Purchased.
1143/55	"Catholic Church". Landscape in oils. Height 33"; breadth 48". Purchased.
1144/55	"Egmore Church". Landscape painting in oils. Height 22"; breadth 27½". Purchased.
1145/55	"Life and the River". Composition in tempera and wash. Height 29"; breadth 21". Purchased.
1146/55	"Construction". Landscape in egg tempera. Height 20½"; breadth 27½". Purchased.
1147/55	Forty-five rectangular ivory playing cards with figures such as cow, horse and pig, in sets. Each card measures about 2.2" x 1.6". Purchased.
1148/55	Box made of rosewood with ivory scroll work inlaid. Height 3.2"; 1.11.7½" breadth 9.3".
1149/55	Man and boy. Ivory inlay work. Probably Japanese. Height 23½"; breadth 14½".
1150/55	Landscape painting on glass in tempera, showing three ladies, a river houses and a hill beyond. Probably Japanese. Height 16"; breadth 23". Items Nos. 1148 to 1150 are presented by Sri T. N. Sethuraman Chettiar of Pondicherry.
284/54	Cambodia dancing girl in brass. Height 7½"; breadth 2½".
285/54	Cambodia Musician in brass. Height 4"; breadth 2½".
286/54	Annam cultivators in Brass. Height 8½"; breadth 2½".
287/54	Annam Nobleman in brass. Height 8"; breadth 2½".
288/54	A conventional lion of a Lion throne. From Annam. Height 5½"; breadth 2". (Items 284 to 288 were got in exchange from Sri T. N. Sethuraman Chettiar of Pondicherry, for articles from here. (Vide G.O. Ms. No. 601 Education, dated 30th April 1954.)
1151/55	Kashmir Landscape. Landscape painting in water colour. Height 23½"; breadth 21½". Purchased.
1152/55	Elephant. Water colour painting. Height 24"; breadth 13½". Purchased.

Accession number.	Particulars.	How acquired.
<i>Numismatics.</i>		
849	Nine Pandyan Copper coins, Sundara Pandya.	Purchased from Sri R. M. Kas Viswanathan, Sivagangai Ramanathapuram district, for Rupees nine only.
850	One silver Adivaraha of King Bhoja Deva of Kanauj.	Distributed by the Lucknow Museum.

Accession number.	Particulars.	How acquired.
<i>Numismatics.</i>		
851	One silver "50 Mills" coin of Palestine.	Presented by the Government of India, Ministry of Education.
852	One silver Fleur de lis Pagoda of the Indo-French.	Presented by Sri T. N. Sethuraman Chettiar, Pondicherry.
854	Fifty-six Pandyan copper coins, 10 copper coins of Salankayanas and 31 Sethupathi copper coins.	Purchased from Sri S. T. Srinivasagopalachariar, Advocate, Madras for Rs. 160.
855	One copper coin of Uttama Chola.	Purchased from Sri T. Doraiswamy, Vellore for Rs. 2.
856	One copper coin of Uttama Chola and one Kodandaraman type of Pandyan copper coin.	Purchased from Sri T. Doraiswamy, Vellore for Rs. 3.

Zoology.

- (1) A male and female of the very rare Pink-headed Duck.
- (2) A Mandarin Duck (locality : China).
- (3) A Scaup Duck (locality : Scotland).

APPENDIX IV.

VISITORS, STAFF, ETC.

Visitors to the Museum—

	1953-54.	1954-55.
Total number of visitors	395,307	463,466
Total number on Sundays	90,527	152,549
Total number on Dvudasi day	9,804	8,818
Attendance on Kannupongal day	25,863	47,349

Staff.—Dr. A. Aiyappan, Superintendent, Government Museum, Madras, who was granted leave out of India rejoined duty on 18th July 1954. Sri R. Subramanyam, Curator, Chemical Conservation Section was granted leave out of India from 5th August 1954 for undertaking research in the John Hopkins University in America. Sri H. Harinarayana was appointed in his place as temporary acting Curator. A post of temporary additional typist was sanctioned with effect from 16th November 1954 in G.O. Ms. No. 46, Education, dated 10th January 1955. Sri S. T. Satyamurti, the permanent Curator, Zoology section, who left the Museum Service for outside employment on 23rd February 1952 was permitted to rejoin the same post with effect from 4th August 1954 in G.O. Ms. No. 915, Education, dated 30th June 1954, the period of absence from service being treated as extraordinary leave without allowances.

Photographic work.—The photographer was engaged in taking prints for record and sale to the public. A sum of Rs. 1,184-12-0 was realized by sale of prints and enlargements as against Rs. 608-6-0 during the previous year. During the year under report 283 negatives, 2 lantern slides and 1,414 bromide prints and enlargements were prepared.

Tours.—Under the orders of Government, the Superintendent toured to Tirur to inspect a cave at Tirur and antiquities at Pariapuram in the Malabar District. He also visited Mangalore to inspect a beautiful building "Shrmanthi Bhavan" proposed to be donated by Col. V. R. Mirajkar, I.M.S. (Retd.) to Government for the purpose of running a local museum and for art gallery at Mangalore. The Curator for Archaeology toured to Dindigul, Karur, to examine a ruined temple in Palayam village and to study sculpture scattered around these places; to Tanjore to study the sculpture at the Art Gallery, Tanjore, to Kaliyar Koil and Sivaganga to take delivery of the wood carvings presented to the Museum by the Devasthanam, Sivaganga. The Curator for Zoology toured to Coonoor to take over a large and rare collection of birds' skins and eggs presented to the Museum by Mrs. Inglis, Coonoor. The Curator for Botany undertook extensive tours of the Chingleput District to collect specimens for study. The Head Clerk toured to Pudukkottai to check the annual accounts of the Government Museum, Pudukkottai.

Museum Theatre.—The Museum Theatre was used for 208 engagements during this year, of which 136 were for dramatic performances, etc., and the rest, rehearsals and meetings. A sum of Rs. 4,891 was realized as rent as against Rs. 4,470 in the previous year. A sum of Rs. 275 has, in addition, been credited to Government as the half-share of the fees for the Caretaker's overtime attendance.

G.M.—3

APPENDIX V.

LIST OF PHOTO NEGATIVES PREPARED DURING 1954-55.

Negative number.	Size.	Subject.
<i>Archæological Section.</i>		
F. 227 ..	1/1	.. Victims of Hunger, bronze sculpture by D. P. R. Chowdhury.
F. 228 ..	1/1	.. Tiruvalangadu Natesa.
F. 229 ..	1/1	.. Same another view.
F. 230 ..	1/1	.. Amman Bronze from Kayavur.
F. 231 ..	1/1	.. Stone figure of Yakshi, Vellore, North Arcot District.
F. 232 ..	1/1	.. Tiruvalangadu Natesa (in colour).
F. 233 ..	1/1	.. Natesa, Siva and Uma (do.).
F. 234 ..	1/1	.. Natesa, Siva and Uma (black and white).
F. 235 ..	1/1	.. Amaravati sculpture gallery.
F. 236 ..	1/1	.. Jain sculpture gallery.
F. 237 ..	1/1	.. Flying Devas from the jamb of the Chalukyan doorwa in H.S. Gallery.
F. 238 ..	1/1	.. Gandharva couple from the same doorway.
F. 239 ..	1/1	.. A drummer and an attendant from the same.
F. 240 ..	1/1	.. Do. do.
F. 241 ..	1/1	.. Vishnu with Sri and Bhu from Veriyur, N.A. Dist.
F. 242 ..	1/1	.. Tanjore Art Gallery, a view.
F. 243 ..	1/1	.. Do. another view.
F. 244 ..	1/1	.. Do. do.
F. 245 ..	1/1	.. Do. do.
F. 246 ..	1/1	.. Brahma (Stone) in the Tanjore Art Gallery.
F. 247 ..	1/1	.. Dvarapalaka (stone) in the Tanjore Art Gallery.
F. 248 ..	1/1	.. Tirupurantaka (stone) do.
F. 249 ..	1/1	.. Vishnu standing (stone) do.
F. 250 ..	1/1	.. Andhanarisvara (stone) do.
F. 251 ..	1/1	.. Seated Buddha (stone) do.
F. 252 ..	1/1	.. Tumburu and Narada do.
F. 253 ..	1/1	.. Gajantakamurti do.
F. 254 ..	1/1	.. Dance scene do.
F. 255 ..	1/1	.. Rama (bronze) from Manankal, Nannilam Taluk, Tanjore District.
F. 256 ..	1/1	.. Sita (bronze) from Manankal, Nannilam Taluk, Tanjore District.
F. 257 ..	1/1	.. Sita (bronze) from Manankal, Nannilam taluk, Tanjore District.
F. 258 ..	1/1	.. Chaitya slab, Amaravati (in colour).
F. 259 ..	1/1	.. Nalagiri, Amaravati (in colour).
F. 260 ..	1/1	.. Court scene, Amaravati (in colour).
F. 261 ..	1/1	.. Worship of Buddha's feet, Amaravati (in colour).
F. 262 ..	1/1	.. Art Gallery and Museum in the Congress Exhibition at Teynampet 1955, front view.
F. 263 ..	1/1	.. Art Gallery and Museum in the Congress Exhibition at Teynampet, 1955, another front view.
F. 264 ..	1/1	.. Art Gallery and Museum in the Congress Exhibition at Teynampet, 1955, Mandapam view.
F. 265 ..	1/1	.. Art Gallery and Museum in the Congress Exhibition at Teynampet, 1955, Interior view (bronzes).
F. 266 ..	1/1	.. Pair of women, Terracotta by Dhanapal.
F. 267 ..	1/1	.. Coconut seller, Poster colour painting, by Sri K. Srinivasulu.

Negative number. Size.

Subject.

Archæological Section—cont.

F. 268 ..	1/1	.. Landscape, water colour painting.
F. 269 ..	1/1	.. Old man knitting, water colour painting.
F. 270 ..	1/1	.. Buffaloes, water colour painting.
F. 271 ..	1/1	.. Mother and child, painting.
F. 272 ..	1/1	.. Steam Engine, painting.
F. 273 ..	1/1	.. Turbaned man, oil painting.
F. 274 ..	1/1	.. Gaishas (Japan), painting.
F. 275 ..	1/1	.. Mother and child, painting in water colour.
F. 276 ..	1/1	.. Peesants, in water colour.
F. 277 ..	1/1	.. Bridge and cart, in water colour.
F. 278 ..	1/1	.. Dog sleeping, painting.
F. 279 ..	1/1	.. Mylapore car festival, painting.
F. 280 ..	1/1	.. Visitors at the clay figure baking demonstration.
F. 281 ..	1/1	.. Do. do.
F. 282 ..	1/1	.. Demonstrating the process.
F. 283 ..	1/1	.. Do.
F. 284 ..	1/1	.. Do.
F. 285 ..	1/1	.. Do.
F. 286 ..	1/1	.. Arranging the clay figures on straw before firing.
F. 287 ..	1/1	.. Do.
F. 288 ..	1/1	.. Putting fire to the straw.
F. 289 ..	1/1	.. Clay figures being baked.
F. 290 ..	1/1	.. Removing the baked figures.
F. 291 ..	1/1	.. Terracottas on bench.
F. 292 ..	1/1	.. Chandikesvara (bronze), tr. tr. from Kurichi, Tanjore.
F. 293 ..	1/1	.. Two Durgas (bronze), tr. tr. Andakudi, Tanjore.
A. XXIX (14) ..	1/1	.. Jain sculpture gallery.
(15) ..	1/1	.. Jain sculpture gallery, another view.
(16) ..	1/1	.. Nataraja from Mariyur, Tanjore.
(17) ..	1/1	.. Nataraja from Tanjore District.
(18) ..	1/1	.. Sri Devi from Anantasayi group in New Extension.
(19) ..	1/1	.. Sri Devi from the vishnu group exhibited in the Hindu Sculpture Gallery.
(20) ..	1/1	.. Vishnu (bronze) given away to Sri T. N. Sethuraman Chettiar as an exchange.
(21) ..	1/1	.. Velaganni Natesa, side view.
(22) ..	1/1	.. Vishnu and Bhu Devi, from Enadi, Tanjore District.
(23) ..	1/1	.. Chinese painting presented by Sri N. Raghavan, Ambassador in China.
(24) ..	1/1	.. Eastern Chalukyan Doorway in Hindu Sculpture Gallery.
(25) ..	1/1	.. Elephant in lotus tank in painting at Sittannavasal.
(26) ..	1/1	.. Buffalo in lotus tank in painting at Sittannavasal.
(27) ..	1/1	.. A pair of geese in lotus tank in painting at Sittannavasal.
(28) ..	1/1	.. Fish amidst lotuses in lotus tank in painting at Sittannavasal.
(29) ..	1/1	.. A pair of geese in lotus tank in painting at Sittannavasal.
(30) ..	1/1	.. Line drawing of lotus tank in painting at Sittannavasal.
(31) ..	1/1	.. Tripurantaka panel in Chola paintings at Tanjore.
(32) ..	1/1	.. A portion of above with Durga.
(33) ..	1/1	.. A portion of above with Siva, bust.
(34) ..	1/1	.. A portion of above with two demons.
(35) ..	1/1	.. A portion of above with Brahma.
(36) ..	1/1	.. A portion of above with Siva's legs.

Negative number.	Size.	Subject.
<i>Archaeological Section—cont.</i>		
A. XXIX. (37) ..	$\frac{1}{2}$	.. A portion of above with groups of demons.
(38) ..	$\frac{1}{2}$	.. Victims of hunger (bronze) by D. P. Roy Chowdhury.
(39) ..	$\frac{1}{2}$	.. Five Bidri ware articles.
(40) ..	$\frac{1}{2}$	.. Five metalware articles.
(41) ..	$\frac{1}{2}$	.. Five nut-cutters.
(42) ..	$\frac{1}{2}$	.. Sketch of a cathedral by Dr. A. R. Poduval.
(43) ..	$\frac{1}{2}$	.. Sketch of a woman by Dr. A. R. Poduval.
(44) ..	$\frac{1}{2}$	.. Landscape by Dr. A. R. Poduval.
(45) ..	$\frac{1}{2}$	.. Art Gallery and Museum in the Congress Exhibition 1955, interior view, bronzes.
(46) ..	$\frac{1}{2}$	.. Art Gallery and Museum in the Congress Exhibition 1955, another view.
(47) ..	$\frac{1}{2}$	.. Beggars, oil painting by Sushil Mukerjee.
(48) ..	$\frac{1}{2}$	.. Visitors to the clay figure baking demonstration.
(49) ..	$\frac{1}{2}$	.. Do.
(50) ..	$\frac{1}{2}$	.. Sornaskanda (bronze) from Sorakkudi, Tanjore District.
A. XXX (1) ..	$\frac{1}{2}$	.. Kalyanasundara with Vishnu and Lakshmi from Tiruvenkadu.
(2) ..	$\frac{1}{2}$	.. Vrishabhantika with Parvati from Tiruvenkadu.
(3) ..	$\frac{1}{2}$	.. Bhikshatana from Tiruvenkadu.
(4) ..	$\frac{1}{2}$	.. Eight-handed Bhairava from Tiruvenkadu.
(5) ..	$\frac{1}{2}$	.. Tripurantaka and Tripurasundari from Tanjore.
(6) ..	$\frac{1}{2}$	.. Tripurantaka, Tanjore.
(7) ..	$\frac{1}{2}$	.. Nandikeswara with consort from Tanjore.
A. VII (19) ..	$\frac{1}{2}$	.. Buffalo in lotus tank, painting at Sittannavasal.
(20) ..	$\frac{1}{2}$	.. Elephant, painting at Sittannavasal.
(21) ..	$\frac{1}{2}$	.. A pair of geese, painting at Sittannavasal.
(22) ..	$\frac{1}{2}$	.. Do.
(23) ..	$\frac{1}{2}$	.. Fish amidst lotus, painting at Sittannavasal.
(24) ..	$\frac{1}{2}$	.. Main gopuram Temple at Tiruvorriyur near Madras.
(25) ..	$\frac{1}{2}$	.. Vimanam of sanctum in the above temple.
(26) ..	$\frac{1}{2}$	.. Temple gopuram, painting.
(27) ..	$\frac{1}{2}$	.. Water falls, painting.
(28) ..	$\frac{1}{2}$	.. Seated woman, painting.
(29) ..	$\frac{1}{2}$	.. Krishna and Gopis, painting.
(30) ..	$\frac{1}{2}$	.. Seated woman, painting.
(31) ..	$\frac{1}{2}$	.. River-side, painting.
(32) ..	$\frac{1}{2}$	.. An Acrobat, Child art (age 5-6).
(33) ..	$\frac{1}{2}$	.. Whitwashing, Child art (age 6-7).
(34) ..	$\frac{1}{2}$	.. Boys playing kites, Child arts (age 7-8).
(35) ..	$\frac{1}{2}$	.. Avadi Congress, Child Arts (age 8-9).
(36) ..	$\frac{1}{2}$	.. Palms and Huts, Child arts (age 9-10).
(37) ..	$\frac{1}{2}$	.. Up the Hill, Child art (age 10-11).
(38) ..	$\frac{1}{2}$	.. Japanese lady (?) child art (age 11-12).
(39) ..	$\frac{1}{2}$	.. Beach, Child art (age 12-13).
(40) ..	$\frac{1}{2}$	.. Boxing, Child art (age 13-14).
(41) ..	$\frac{1}{2}$	.. Village tank Child art (age 14-15).
(42) ..	$\frac{1}{2}$	.. Head study, Child art (age 15-16).
<i>Anthropology.</i>		
E. XXII (19) ..	$\frac{1}{2}$	.. Burmese harp (Madras Museum).
(20) ..	$\frac{1}{2}$	.. Jaffna Dhoni.

Negative number.	Size.	Subject.
<i>Anthropology—cont.</i>		
E. XXII (21) ..	$\frac{1}{2}$	.. Ganges fishing boat and ships painted on vases from the Cyclades.
(22) ..	$\frac{1}{2}$	.. Kilakkarai fishing boat with two booms.
(23) ..	$\frac{1}{2}$	.. Pinnal Kolattam.
(24) ..	$\frac{1}{2}$	.. Mohenjadero bearded rishi (cast).
(25) ..	$\frac{1}{2}$	.. Indian Jujitsu demonstration.
(26) ..	$\frac{1}{2}$	.. Mask worn by Krishnattam dancers of Malabar.
(27) ..	$\frac{1}{2}$	.. Do.
(28) ..	$\frac{1}{2}$	.. Mohenjo Daro head of royal priest (cast).
(29) ..	$\frac{1}{2}$	.. A typical Lepcha girl. Sam Kumari.
(30) ..	$\frac{1}{2}$	.. Lepcha girls between the dances.
(31) ..	$\frac{1}{2}$	.. The Lepcha dance of the Teasta and the Rangit.
(32) ..	$\frac{1}{2}$	.. Lepcha men in national dress conversing.
(33) ..	$\frac{1}{2}$	.. An old Lepcha in national costume.
(34) ..	$\frac{1}{2}$	.. A Lepcha man looks out over the Himalayas.
(35) ..	$\frac{1}{2}$	.. A Lepcha priest—the Bum-Thing.
E. 11 (36) ..	$\frac{1}{2}$	.. A typical Lepcha house at Git.
(37) ..	$\frac{1}{2}$	.. Lepcha cattle and cattle shed.
(38) ..	$\frac{1}{2}$	.. Lepchas preparing a field.
(26) ..	$\frac{1}{2}$	.. Lower Minoan I sealing with boat motif.
(27) ..	$\frac{1}{2}$	.. Reef Boat—Laccadive Island.
(28) ..	$\frac{1}{2}$	.. Kalla Dhoni—Kodikkarai.
(29) ..	$\frac{1}{2}$	.. Javanese outrigger—Barobudur 8-9 century.
(30) ..	$\frac{1}{2}$	.. Boat—Mohenjo Daro.
(31) ..	$\frac{1}{2}$	.. Kalla Dhoni showing oculus and inscription incised on bow.
(32) ..	$\frac{1}{2}$	.. Pinnal Kolattam.
(33) ..	$\frac{1}{2}$	.. Mohenjo daro figure of Siva (cast of seal).
(34) ..	$\frac{1}{2}$	.. Pinnal Kolattam.
(35) ..	$\frac{1}{2}$	.. Mohenjo daro figurine sitting on its haunches.
(36) ..	$\frac{1}{2}$	.. Jaunsari woman carrying water in leather bag. Jaunsar Bawar, Uttar Pradesh.
(37) ..	$\frac{1}{2}$	.. Jaunsari woman harvesting barley, Jaunsar Bawar, Uttar Pradesh.
(38) ..	$\frac{1}{2}$	.. Jaunsari men and women dancing, Jaunsar Bawar, Uttar Pradesh.
(39) ..	$\frac{1}{2}$	.. Drying the grains, Jaunsar Bawar, Uttar Pradesh.
(40) ..	$\frac{1}{2}$	.. Jaunsari woman carrying corn.
(41) ..	$\frac{1}{2}$	.. Jaunsari Male Dance.
(42) ..	$\frac{1}{2}$	.. Santal Potter, Santal Parganas, Bihar.
(43) ..	$\frac{1}{2}$	.. Santal women on their way to market.
(44) ..	$\frac{1}{2}$	.. Santal Dance.
(45) ..	$\frac{1}{2}$	.. Method of lifting water in a Bengal village, Serisha 24 Parganas.
(46) ..	$\frac{1}{2}$	.. Typical Santal Dance.
(47) ..	$\frac{1}{2}$	.. Group of Santal women in the market.
(48) ..	$\frac{1}{2}$	.. Polo Fishing in Bengal, Serisha 24 Parganas.
(49) ..	$\frac{1}{2}$	.. Guests entertained with rice beer during marriage, Rangkhali tribe, Tripura State.
(50) ..	$\frac{1}{2}$	.. Husking paddy, Rangkhali tribe, Tripura State.
E. 13 (1) ..	$\frac{1}{2}$	.. Urall tree hut, Travancore.
(2) ..	$\frac{1}{2}$	.. Ulladan measuring beans, Travancore.
(3) ..	$\frac{1}{2}$	.. Ulladan offering cocoanut.

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ADMINISTRATION REPORT OF THE

Negative number.	Size.	Subject.
<i>Anthropology—cont.</i>		
E. 12 (4) ..	$\frac{1}{4}$	.. Ulladan woman cutting firewood.
(5) ..	$\frac{1}{4}$	.. Ulladan hunting dance.
(6) ..	$\frac{1}{4}$	.. Ulladan thrashing beans.
(7) ..	$\frac{1}{4}$	.. Ulladan girl fetching water.
(8) ..	$\frac{1}{4}$	.. Paliyan woman husking paddy, Travancore.
(9) ..	$\frac{1}{4}$	.. Mannan woman fetching water from stream, Travancore.
(10) ..	$\frac{1}{4}$	.. Bamboo raft of Malapantaram, Travancore.
(11) ..	$\frac{1}{4}$	.. Malapantaram menstrual hut.
(12) ..	$\frac{1}{4}$	.. Malapantaram partaking food.
(13) ..	$\frac{1}{4}$	.. Muthuvans harrowing the field, Travancore.
(14) ..	$\frac{1}{4}$	.. Muthuvan hut.
(15) ..	$\frac{1}{4}$	.. Muthuvan girl thrashing corn.
(16) ..	$\frac{1}{4}$	.. Muthuvan woman carrying firewood.
(17) ..	$\frac{1}{4}$	.. Muthuvan woman cooking.
(18) ..	$\frac{1}{4}$	.. Kanikkar man cutting tapioca, Travancore.
(19) ..	$\frac{1}{4}$	.. Kanikkar woman thrashing corn.
(20) ..	$\frac{1}{4}$	.. Kanikkar woman winnowing husked paddy.
(21) ..	$\frac{1}{4}$	.. Kanikkar fishing cage.
(22) ..	$\frac{1}{4}$	.. Kanikkar decorating a shelter for deity.
(23) ..	$\frac{1}{4}$	.. Vethuvan separating seeds from beans, Travancore.
(24) ..	$\frac{1}{4}$	.. Vethuvan slicing tapioca.
(25) ..	$\frac{1}{4}$	.. Vetu Kuruma woman husking paddy.
(26) ..	$\frac{1}{4}$	.. Vethuvan woman preparing water vessels from bark.
(27) ..	$\frac{1}{4}$	.. A Saora dance.
(28) ..	$\frac{1}{4}$	.. Gadaba mother and daughter in typical dress.
(29) ..	$\frac{1}{4}$	.. A Bondo woman, Orissa.
(30) ..	$\frac{1}{4}$	.. Khasi woman ready for dance, Khasi hills, Assam.
(31) ..	$\frac{1}{4}$	.. Headman of a Garo village, Assam.
(32) ..	$\frac{1}{4}$	.. Angami Naga woman weaving, Hohima, Assam.
(33) ..	$\frac{1}{4}$	.. Notke Nagas clearing path for Bihu festival, Assam.
(34) ..	$\frac{1}{4}$	.. Notke Nagas constructing a bamboo bridge.
(35) ..	$\frac{1}{4}$	.. Notke Nagas weeding a jhum field.
(36) ..	$\frac{1}{4}$	.. Sowing seed in the jhum field, Galong Abor hills.
(37) ..	$\frac{1}{4}$	.. Bachelor's dormitory for boys, Abor hills.
(38) ..	$\frac{1}{4}$	.. Galong dance, Abor hills.
(39) ..	$\frac{1}{4}$	.. Abor girls rolling up rice, Aqor hills.
(40) ..	$\frac{1}{4}$	.. Abor mother at village water tap.
(41) ..	$\frac{1}{4}$	.. Abor girl carrying firewood.
(42) ..	$\frac{1}{4}$	.. Abor ginning cotton, Abor hills.
(43) ..	$\frac{1}{4}$	.. Drinking Apong a national drink inside their house, Abor tribe.
(44) ..	$\frac{1}{4}$	.. Boys on the way to market, Abor hills.
(45) ..	$\frac{1}{4}$	.. An Abor dance, Abor hills.
(46) ..	$\frac{1}{4}$	.. Abor woman weaving, Abor hills.
(47) ..	$\frac{1}{4}$	.. Community fishing in Bengal village, Birampur, 24 Parganas, West Bengal.
(48) ..	$\frac{1}{4}$	.. A typical Bengal village, Kalagachi, 24 Parganas.
(49) ..	$\frac{1}{4}$	.. Santal boys with bow and arrow, Santal Parganas, Bihar.
(50) ..	$\frac{1}{4}$	.. Group of Santal women in their typical ornaments, Santal Parganas, Bihar.
E. 13 (1) ..	$\frac{1}{4}$	.. Winnowing grains, Jaunsar Bawar, U.P.
(2) ..	$\frac{1}{4}$	.. Spreading grains in the yard for drying, Jaunsar Bawar.
(3) ..	$\frac{1}{4}$	..

Negative number. Size. Subject.

Anthropology—cont.

E. 1 (4) ..	$\frac{1}{4}$	.. Nicobarese on their way to market, Nicobar Island.
(5) ..	$\frac{1}{4}$	.. Nicobarese house (pile dwelling) Nicobar Island.
(6) ..	$\frac{1}{4}$	.. An Onge Ontrigger canoe (little Andaman).
(7) ..	$\frac{1}{4}$	.. A group of Onge women, little Andaman.
(8) ..	$\frac{1}{4}$	.. A group of Onge sitting on the sea beach, Little Andaman.
(9) ..	$\frac{1}{4}$	.. Khasi men in war dress, Assam.
(10) ..	$\frac{1}{4}$	.. Two garo girls, Assam.
(11) ..	$\frac{1}{4}$	.. Gara dance, Assam.
(12) ..	$\frac{1}{4}$	.. Angami Naga men and women in their typical dress Kohima, Assam.
(13) ..	$\frac{1}{4}$	.. Angami Naga girls in their typical dress.
(14) ..	$\frac{1}{4}$	.. A Notke Naga girl, Naga hills.
(15) ..	$\frac{1}{4}$	.. Naga terrace cultivation, Naga hills.
(16) ..	$\frac{1}{4}$	.. Galong men busy with basketry work, Abor hills.
(17) ..	$\frac{1}{4}$	.. Galong girl, weaving.
(18) ..	$\frac{1}{4}$	.. Two Bondo youths, Orissa.
(19) ..	$\frac{1}{4}$	.. Gadaba girl, Orissa.
(20) ..	$\frac{1}{4}$	.. A Kadar family in their hut, Anamalai Hills.
(21) ..	$\frac{1}{4}$	.. A Kadar hut.
(22) ..	$\frac{1}{4}$	.. Spinning on a charka, Tipra tribe, Tripura State.
(23) ..	$\frac{1}{4}$	.. A Tipra girl weaving, Tipra tribe, Tripura State.
(24) ..	$\frac{1}{4}$	.. Husking paddy, Reang tribe, Tripura State.
(25) ..	$\frac{1}{4}$	.. Performing magical rites by offering blood of a fowl, Rangkhil tribe, Tripura State.
(26) ..	$\frac{1}{4}$	.. Mannan girl, Travancore.
(27) ..	$\frac{1}{4}$	.. Mannan girl weaving a mat.
(28) ..	$\frac{1}{4}$	.. Malapantaram family, Travancore.
(29) ..	$\frac{1}{4}$	.. Mala Aryan Durga temple, Travancore.
(30) ..	$\frac{1}{4}$	.. Muthuvan girl grinding corn, Travancore.
(31) ..	$\frac{1}{4}$	.. Paliyan girl on her way to market, Travancore.
(32) ..	$\frac{1}{4}$	.. Ulladan painting the body for a pilgrimage Travancore.
(33) ..	$\frac{1}{4}$	.. Urali man with bow, Travancore.
(34) ..	$\frac{1}{4}$	.. A Vetu Kurumba woman making pottery, Travancore.
(35) ..	$\frac{1}{4}$	.. Vethuvan woman husking paddy, Travancore.

Geology.

BI 36 ..	$\frac{1}{4}$	.. A view of the Raniganj Pottery Works.
BI 37 ..	$\frac{1}{4}$	.. An inside view of the Jharla Coal Field.
BI 38 ..	$\frac{1}{4}$	.. A view of the Kargali Colliery.
BI 39 ..	$\frac{1}{4}$	.. A view of the factory of the Bengal Iron & Co. Ltd., Kulti.

Numismatics.

NB 84: Cho. 12 ..	$\frac{1}{4}$	.. Kulottunga Chela.
NB 85: Sata. 2 ..	$\frac{1}{4}$	.. Satavahana.
NB 86: " 3 ..	$\frac{1}{4}$	.. "
NB 87: " 4 ..	$\frac{1}{4}$	.. "
NB 88: " 5 ..	$\frac{1}{4}$	.. "
NB 89: " 6 ..	$\frac{1}{4}$	.. "
NB 90: " 7 ..	$\frac{1}{4}$	.. "
NB 91: " 8 ..	$\frac{1}{4}$	.. "

Negative number	Size	Subject.
<i>Numismatics—cont.</i>		
NB 92: Sata. 9 ..	$\frac{1}{4}$	Satavahana
NB 93: „ 10 ..	$\frac{1}{4}$	„
NB 94: „ 11 ..	$\frac{1}{4}$	„
NB 95: „ 12 ..	$\frac{1}{4}$	„
NB 96 „ 13 ..	$\frac{1}{4}$	„
NB 97 „ 14 ..	$\frac{1}{4}$	„
NB 98 „ 15 ..	$\frac{1}{4}$	„
NB 99 „ 16 ..	$\frac{1}{4}$	„
NB 100 „ 17 ..	$\frac{1}{4}$	„
NB 101 „ 18 ..	$\frac{1}{4}$	„
NB 102 „ 19 ..	$\frac{1}{4}$	„
EB 103 „ 20 ..	$\frac{1}{4}$	„
NB 104 „ 21 ..	$\frac{1}{4}$	„
NB 105 „ 22 ..	$\frac{1}{4}$	„
NB 106 „ 23 ..	$\frac{1}{4}$	„
NB 107 „ 24 ..	$\frac{1}{4}$	„
NB 108 „ 25 ..	$\frac{1}{4}$	„
NA 7: IBC 1 ..	$\frac{1}{4}$	Enlargement of the obverse of Menander's coin.
NA 8: GU 1 ..	$\frac{1}{4}$	Enlargement of the Reverse of the coin of Chandragupta II.

Zoology.

Z VII (29) ..	$\frac{1}{4}$	The Pink-headed Duck (Male)
Z VII (30) ..	$\frac{1}{4}$	The Pink-headed Duck (Female).

APPENDIX VI.

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

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, or the Superintendent, Government Museum, Madras, should be addressed.

Volume and number.	Description.	Number of pages.	Number of plates.	Price.
<i>Natural History Section.</i>				
* Vol. I, No. 1, 1927.	The Littoral Fauna of Kurusadai Island in the Gulf of Mannar, with appendices on the vertebrates and plants. By various authors.	196	26	RS. A. P. 8 0 0
† Vol. I, No. 2 Part I, 1933.	Supplement to the Littoral Fauna of Kurusadai Island in the Gulf of Mannar—Polychæta by P. Fauvel, Pycnogonida by B. Sundara Raj, and Alpheidae 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 test figures).	9	Nil.	0 4 0
† Vol. I, No. 2 Part 3, 1936.	Scyphomedusæ of Kurusadai Island. By M. G. K. Menon, M.A.	9	1	0 8 0

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

Volume and number.	Description.	Number of pages.	Number of plates.	Price.
Natural History Section—cont.				
				RS. A. P.
† Vol. I, No. 2, Part 4, 1937.	Supplement to the Littoral Fauna of Kurusadai 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 Kurusadai Island in the Gulf of Manaar. By C. P. Gnanamuthu, M.A., D.Sc., F.Z.S.	21	4	1 6 0
Vol. I, No. 2, Part 6.	Amphineura and Gastropoda of Kurusadai Island. By S. Thomas Satyamurti, M.A.	267	34	10 12 0
† Vol. I, No. 2, Part, 7.	Scaphopoda Pelecypoda and Cepalopoda of Kurusadai Island By S. T. Satyamurti, M.A., D.Sc., F.Z.S.	345	38	8 0 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.	28	3	1 2 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.	32	3	1 2 0
Vol. III, No. 2, 1932.	The Hydromedusæ of Madras. By M. G. K. Menon, M.A.	45	10	Bond in one volume. 2 6 0
Vol. III No. 3, 1933.	The Life Histories of Decapod Crustacea from Madras. By M. Krishna Menon, M.A.	10	1	
Vol. III, No. 4, 1933.	Sagitta of the Madras Coast. By C. C. John, M.A., D.Sc.	55	9	1 14 0
Vol. III, No. 5, 1937.	Decapod Larvæ from the Madras Plankton. By M. Krishna Menon, M.A., M.Sc.	47	8	1 8 0
Vol. III, No. 6, 1940.	Decapod Larvæ from the Madras Plankton—II. By M. Krishna Menon, M.A., M.Sc.	28	4	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.	46	7	1 10 0
Vol. IV, No. 2, 1938.	Supplement to the Flowering Plants of Madras City and its immediate neighbourhood. By E. Barnes, D.Sc.	112	Nil.	3 2 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.	110	Nil.	2 12 0
§ Vol. V, No. 2, 1942.	Shells and other Animal Remains found on the Madras Beach. II. Snails, etc. (Mollusca Gastropoda). By F. H. Gravely, D.Sc.	41	6	1 12 0
Vol. VI, No. 1, 1949.	The Thaliacea of the Madras Plankton. By R. Velappan Nair, M.Sc.			
† Vol. VI, No. 2,	Cirripedia of the Madras Coast. By A. Daniel.			
General Section (with separate volumes for Anthropology and Archaeology respectively).				
1 Vol. I, No. 1, §929.	Buddhist Sculptures from a Stupa near Goli village, Guntur district. By T. N. Ramachandran, M.A.	44	4	2 12 0

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

‡ Volume is in the Press.
§ Volumes ready for binding title page and list of contents separately issued for volume III.

Volume and number.	Description.	Number of pages.	Number of plates.	Price.
<i>General Section (with separate volumes for Anthropology and Archaeology respectively)—cont.</i>				
				RS. A. P.
* 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. Ramchandran, 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. Ramchandran, 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. (Revised Edition).	25	9	1 4 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 Silpa-sastras. By F. H. Gravely, D.Sc., and T. N. Ramchandran, 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 14 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
Vol. III, No. 4, 1939	Indian Epigraphy and South Indian Scripts. By C. Sivaramamurti, M.A.	280	12	14 8 0
1939	Guide to the Archaeological 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	8	1 0 0
1939	Illustrations of Indian Sculpture—Mostly Southern. For use with the Guide to the Archaeological Galleries. By F. H. Gravely, D.Sc., and C. Sivaramamurti, M.A.	..	45	1 0 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. (London).	204	12	16 10 0
Vol. VI, No. 1, 1952.	Possible Sumerian Survivals in Toda Ritual. By H.R.H. Prince Peter of Greece, M.A. (Hry), F.L.D.	24	10	6 4 0
1952.	Madras Government Museum Centenary Souvenir (1851-1951).	158	12	5 0 0
1952.	Guide to the Buddhist Antiquities. By A. Aiyappan and P. R. Srinivasan.	58	..	1 10 0
Vol. VII, No. 1, 1954.	Negapatnam Bronzes. By T. N. Ramchandran.			
1953	Coins of India through the ages ..	17	3	0 8 0
	§ Early Eastern Chalukyan Sculpture. By C. Sivaramamurti.			

* Volumes ready for binding. Title page and list of contents separately issued for Volume III.
† Out of stock.
‡ Volumes ready for binding. Title page and list of contents separately issued.
§ In the Press.

Description.		Price.
CATALOGUES (OLD SERIES).		RS. A. P.
1. Catalogue of Prehistoric Antiquities—By R. Bruce Foote—1901 ..		5 4 9
2. The Foote Collection of Indian Prehistoric and Protohistoric Antiquities. Catalogue Raisonne—By R. Bruce Foote—1914 ..		2 0 0
3. Catalogue of Prehistoric Antiquities from Adichanallur and Perumbair—By A. Rea—1915 ..		1 8 0
4. The Foote Collection of Indian Prehistoric and Protohistoric Antiquities. Notes on their Ages and Distribution—By R. Bruce Foote—1916 ..		9 12 0
5. Catalogue of Exhibits in the Economic Products Section except wood specimens—By S. N. Chandrasekhara Ayyar—1921 ..		2 2 0
6. Catalogue of the coins of Haider Ali and Tippu Sultan—By J. R. Henderson—1921 ..		4 0 0
7. Catalogue of copper-plate grants ..		0 14 0
8. Gramophone records of the languages and dialects of the Madras Presidency. Text of Passages ..		1 4 0
9. Catalogue of Batrachia, Salientia and Apoda (Frogs, Toads and Coecilians of South India)—By E. Thurston—1888 ..		2 8 0
10. Guide to the Natural History and Mineral Galleries—1890 ..		0 2 0
11. Science Series No. 1—Preliminary Report on the Marine Fauna of Rameswaram—1887 ..		0 10 0
12. Coins of Sultans of Delhi—By E. Thurston—1893 ..		0 3 0

Volume and number.	Description.	Price.
BULLETINS (OLD SERIES).		RS. A. P.
No. 1 ..	Pearl and Chank Fisheries in the Gulf of Mannar. By E. Thurston—1894 ..	1 4 0
No. 3 ..	Rameswaram Island and Fauna of the Gulf of Mannar. By E. Thurston—1895 ..	1 8 0
Vol. II, No. 1 ..	Anthropology: Badagas and Irulas of the Nilgiris, Paniyans of Malabar; A Chinese-Tamil Cross. A Cheruman skull; Kuruba or Kurumba; summary of results. By E. Thurston—1897 ..	2 0 0
Vol. II, No. 2 ..	Anthropology: Eurasians of Madras and Malabar; Note on their Tattooing, etc. By E. Thurston—1898 ..	1 0 0
Vol. III, No. 2 ..	The Sea Fisheries of Malabar and South Kanara. By E. Thurston—1900 ..	1 4 0
Vol. III, No. 3 ..	Anthropology: Nayars of Malabar. By F. Fawcett—1901 ..	1 8 0
Vol. IV, No. 2 ..	Anthropology: The Dravidian Head; Yanadis of Nellore—1902 ..	1 0 0
Vol. IV, No. 3 ..	Anthropology: Some Marriage Customs in South India; Deformity and Mutilation; Uralis, Sholagas and Irulas; Fire-walking in Ganjam; Corporal punishment in vernacular schools—1903 ..	0 12
Vol. V, No. 1 ..	Anthropology: Vision of the Uralis and Sholagas; More marriage customs in Southern India; Hook-swinging, Palayans—1903 ..	1 0

APPENDIX VII.

RECEIPTS AND EXPENDITURE.

Government Museum.

A. Receipts.

	RS. A. P.
Sale of coins, plaster and metal casts of coins ..	1,724 3
Sale of photo-prints, copyright fees for reproduction, etc. ..	1,184 12
Sale of publications ..	1,687 15
Less tax on publication, photos, etc. ..	42 6
Grant for the use of the Museum Theatre ..	4,891 0
Overtime fee for the Theatre care-taker ..	275 0
Miscellaneous receipts ..	649 5
Total ..	10,454 9

Pay of Officers—

B. Expenditure.

	RS.	A.	P.
Superintendent, Government Museum and Associate Librarian, Connemara			
Public Library			
Pay of Establishment	14,881	0	0
Travelling Allowance	50,135	0	0
Dearness Allowance	973	0	0
Other Compensatory Allowance	24,168	0	0
Furniture and Fittings	8,413	0	0
Rates and Taxes	3,627	0	0
Pay of Menials	28,579	0	0
Other Contingencies	2,772	0	0
Dearness Allowance to Menials	13,590	0	0
Madras Allowance to Menials	6,141	0	0
Apparatus and Materials	661	0	0
Cost of Specimens	10,483	0	0
Other Charges	3,871	0	0
	21,255	0	0
Total	1,89,549	0	0

B. Expenditure.

APPENDICES RELATING TO THE GOVERNMENT MUSEUM,
PUDUKKOTTAI.

APPENDIX A.

STATEMENT SHOWING THE NUMBER OF VISITORS TO THE MUSEUM DURING THE YEAR 1954-55.

Months.	Literates.		Illiterates.		Puduch Ladies.	Students and teachers.			Grand total.
	Males.	Females.	Males.	Females.		Tea- chers.	Boys.	Girls.	
1954									
April	1,529	851	3,374	3,064	30	7	110	..	9,418
May	1,590	1,001	3,043	3,982	93	..	..	..	10,216
June	1,570	989	3,583	3,907	86	..	..	..	10,049
July	1,772	1,180	3,885	4,265	78	5	48	50	11,102
August	1,695	1,096	3,417	3,771	87	9	65	49	10,009
September ..	1,639	1,045	3,580	3,024	70	6	135	..	10,183
October	1,302	796	2,956	3,260	36	3	61	..	8,814
November ..	1,820	1,058	3,495	3,830	68	63	220	..	10,208
December ..	1,665	999	3,618	3,963	73	3	40	15	10,245
1955									
January	1,464	800	2,870	3,167	74	4	90	32	8,301
February	2,044	1,185	3,421	3,777	44	43	419	224	10,427
March	2,352	1,570	4,427	4,945	16	6	333	176	18,297
Total	20,442	12,573	42,299	46,455	760	208	1,535	545	1,21,769

APPENDIX B.

LIST OF EDUCATIONAL INSTITUTIONS WHICH VISITED THE MUSEUM IN 1954-55

- 1 Bishop Heber High School, Tiruchirappalli.
- 2 R.C. Higher Elementary School, Pudukkottai.
- 3 Board Elementary School, Thekattur, Pudukkottai Territory.
- 4 Board Elementary School, Namanasamudrum, Pudukkottai Territory.
- 5 Board Elementary School, Ellaipatti.
- 6 S.K.S. High School, Karaikudi.
- 7 Ramee's Government Girls' High School, Pudukkottai.
- 8 M. C. School, Rajagopalapuram, Pudukkottai.
- 9 St. Sebestin R.C. Higher Elementary School, Kuthalam.
- 10 Ponniah High School, Palakkarai, Tiruchirappalli.
- 11 National College Union Science Association, Tiruchirappalli.
- 12 L.M.C. High School, Tanjore district.

- 13 V.V. High School, Ponnamaravathi, Pudukkottai Territory.
- 14 Virudunagar Hindu Nadar Higher Elementary School, Madurai.
- 15 C.S.M. High School, Pudukkottai.
- 16 Irulananda Higher Elementary School, Woraiyur, Tiruchirappalli.
- 17 Savitri Vidyasala School, Tiruchirappalli.
- 18 Government Training School, Pudukkottai.
- 19 Government Syed Murthaza High School, Tiruchirappalli.
- 20 Kalaimagal Aid School, Udamalaipatti, Tiruchirappalli.
- 21 Board Middle School, Gandhinagar, Pudukkottai.
- 22 All Saints Training School, Tiruchirappalli.
- 23 M.C.T.R.M. Higher Elementary School, Kulpirai.
- 24 The High School, Srirangam Branch (Middle School) Tiruvanaikaval, Tiruchirappalli.
- 25 Sri Kulapathi Baliah Secondary School, Pudukkottai.
- 26 R. C. St. Paul's School, Ramanathapuram district.
- 27 Sri Brahadambal High School, Pudukkottai.
- 28 Girls' High School, Lalgudi, Tiruchirappalli district.
- 29 Dr. Alagappa College, Karaikudi.
- 30 Holy Redeemer's H.F. School, Tiruchirappalli.
- 31 St. Francis Xavier's R.C. High School, Annaikkadu School, Pudukkottai.
- 32 Sacred Heart High School, Golden Rock, Tiruchirappalli.
- 33 R.C. Higher Elementary School, Illuppur.
- 34 Board High School, Arantangi.
- 35 S.B.F. High School, Ramachandrapuram.
- 36 Sandapettai Secondary School, Pudukkottai.
- 37 M.E.S. Tirugokarnam, Pudukkottai.
- 38 Higher Elementary School, Tennur, Tiruchirappalli.
- 39 N.C.B. Secondary School, Tiruchirappalli.
- 40 O.V.C. High School, Manamadura.
- 41 Beard Elementary School, Pulankurichi.
- 42 Sri Meenakshi High School for Girls, Karaikudi.
- 43 St. Anthony's Higher Elementary School, Tanjore.
- 44 Government Training School (Model section), Pudukkottai.
- 45 Board Higher Elementary School, Ettarai.
- 46 Sri Krishna Elementary School, Kallukuli, Tiruchirappalli district.
- 47 New Tranquebar Training School, Irungalur, Tiruchirappalli district.
- 48 S.M. Board High School, Tondi.
- 49 B.E.S. Keelaratha Veethi, Tiruppattur.
- 50 P.R.M. Elementary Vidyalaya School, Virajimalai.

APPENDIX C.

SPECIMENS ADDED TO THE MUSEUM DURING THE YEAR 1954-55.

Serial number and name of specimen.	Number.	Remarks.
<i>I. Geology.</i>		
1 Lime nodules	..	Collected by the Curator.
2 Laterite changing into gravel	..	Do.
<i>II. Botany.</i>		
3 Holoptelea integrifolia-Samaroid fruits	..	Collected by the Curator.
4 Martynia annua (diandra) ther Tiger or the Devil's claw-hooked fruits.	..	Do.
5 Aristolochia elegans-a cepticoidally ceptifragal capsule.	..	Do.

Serial number and name of specimen.	Number.	Remarks.
<i>II. Botany—cont.</i>		
Samples of Wood (Timber).		
6 White Silk-Cotton tree (<i>Eriodendron anfractuosum</i>) ..	..	Collected by the Curator
7 Neem tree (<i>Azadiracta indica</i>)	..	Do.
8 Mango (<i>Mangifera indica</i>)	..	Do.
9 Jujube (<i>Zizyphus jujuba</i>)	..	Do.
10 Alangium salvifolium	..	Do.
11 Tamarind (<i>Tamarindus indica</i>)	..	Do.
12 Guava (<i>Psidium guajava</i>)	..	Do.
13 Indian almond (<i>Terminalia catappa</i>)	..	Do.

III. Zoology.

14 Bird spider (<i>Avicularia</i> Sp.) and Centipede ..	..	Collected by the Curator
15 Rhinoceros or, the Palm beetle (<i>Orcytes rhinoceros</i>) ..	..	Do.
16 Ground beetle	..	Do.
17 Cantharid or, Blister beetle	..	Do.
18 A freak in kid-single head and divided body with 8 legs.	1	Purchased.

IV. Anthropology—Arms and Armour.

19 Knives of different types	1	Presented by the Office of Ordnance, Allahabad.
20 Swords Line Boys	1	Do.
21 Italian Bayonet Rifle 10.35 M.M.	1	Do.
22 Jap Bayonets	1	Do.
23 Lances of sort	1	Do.
24 French Rifle 8 M.M.	1	Do.

APPENDIX D.

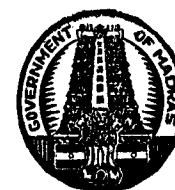
LIST OF BOOKS ADDED TO THE MUSEUM LIBRARY DURING THE YEAR 1954-55.

Serial number and name of book.	Number of copies.	Remarks.
<i>Books presented.</i>		
1 The Journal of Sri Venkateswara Oriental Institute, Tirupati, Vol. XIV, No. 1	1	..
2 Tirumalai-Tirupati Devasthanams—Vol. V, Nos. 4 to 9.	6	..
3 September Special Supplement-Tirumalai-Tirupati Devasthanams	1	..
4 The Indian Literary Review-Bombay, Vol. XXIV, No. 12.	1	..
5 The Indian Literary Review-Bombay, Vol. XXV, Nos. 3, 7, 10 and 11	4	..
6 The Madras Contributory Provident Fund-Pension Insurance Rules, 1950 (corrected up to March 1954) ..	1	..
7 The Madras Financial Code Vol. II. (corrected up to 31st July 1953)	1	..
8 Madras Services Manual-State and subordinate services, Vol. I	1	..
9 Madras Services Manual-State and subordinate State services, Vol. II	1	..
10 Administration Report of the Museum, Zoos, and Government gardens Travancore-Cochin Government (1952-53)	1	..
11 I Com. News-News bulletin published by the International Council of Museums	1	..
12 Scyphomedusae of Krusadi Island—M.G.K. Menon, M.A.	1	..

Serial number and name of book	Number of copies.	Remarks.
<i>Books presented—cont.</i>		
3 Supplement to the Littoral Fauna of Krusadi Island in the gulf of Mannar—Porifera M. Burton, D.Sc. ..	1	..
4 Three species of Alcyonaria from the gulf of Mannar—By Sidney J. Hickson, F.R.S.	1	..
5 The Foraminifera of Krusadi Island (in the gulf of Mannar) by C. P. Gyanamuthu M.A., D.Sc., F.Z.S. ..	1	..
6 Decapod Larvae from the Madras Plankton by M. Krishna Menon, M.A., M.Sc.	1	..
7 Decapod Larvae from the Madras Plankton by M. Krishna Menon, M.A., M.Sc., Planaton II	1	..
8 Shells and other animal remains found on the Madras Beach I groups other than snails, etc., by F. H. Gravely, D.Sc.	1	..
9 Shells and other animal remains found on the Madras Beach II snails, etc. (Mollusca gastropoda) by F. H. Gravely, D.Sc.	1	..
10 The Thaliacea of the Madras Plankton by R. Velappan Nair, M.Sc.	1	..
11 The Mollusca of Krusadi Island (in the gulf of Mannar I Amphineura and gastropoda) by S. Thomas Satyamurti, M.A., F.Z.S.	1	..
12 Tiruparuthikunram and its Temples (with appendices on Jain units of Measurements and Time cosmology and classification of souls) by T. N. Ramachandran, M.A.	1	..
13 The Adichanallur skulls by S. Zuckerman, M.A., M.B.C.S.	1	..
14 The Sri Vaishnava Brahmins by Diwan Bahadur K. Rangachari, M.A.	1	..
15 Social and Physical Anthropology of the Nayadis of Malabar—by A. Ayyappan, M.A.	1	..
16 An Outline of Indian Temple Architecture by F. H. Gravely, D.Sc., F.R.A.S.B.	1	..
17 Amaravati Sculptures in the Madras Government Museum by C. Sivaramamurti, M.A.	1	..
18 Possible Sumerian survivals in Toda Ritual by H. R. H. Prince Peter of Greece, M.A. (H.R.Y.), L.L.D.	1	..
19 Indian epigraphy and South Indian scripts by C. Sivaramamurti, M.A.	1	..
20 Catalogue of Venetian coins in the Madras Government Museum by T. G. Aravamuthan, M.A., B.L.	1	..
21 Guide to the Buddhist Antiquities by A. Ayyappan and P. R. Srinivasan	1	..
22 Handy guide to the Principal Exhibits of the Madras Museum (English)	1	..
23 Numismatic series No. 1 Beramati-A new Mughal Mint.	1	..
24 Numismatic series No. 2 A new coin of King Satavahana from Kondapur	1	..
25 Numismatic series No. 3 Some more coins of the Mahisha Dynasty from Maski and Kondapur excavations ..	1	..
26 Numismatic series No. 4—A lead coin of Satavahana from Kondapur excavations	1	..
27 Numismatic series No. 5 Some rare coins in the State Museum Hyderabad Division (Baihamani and Mughal).	1	..
28 Numismatic series No. 6 Some rare Mughal coins in the State Museum, Hyderabad Division	1	..
29 Numismatic series No. 7 coins of King Sunahagramaka from Kondapur excavations	1	..
30 Numismatic series No. 8 Some more Mahisha coins from Kondapur excavations	1	..

44 ADMINISTRATION REPORT OF THE GOVERNMENT MUSEUM, MADRAS, ETC.

Serial number and name of book.	Number of copies.	Remarks
<i>Books subscribed.</i>		
41 Man in India Vol. 34, Nos. 1, 2, 3 and 4 ..	3	..
42 Marg Magazine, Vol. VII, Nos. 2, 3 and 4 ..	3	..
43 Do. Vol. VIII, No. 1 ..	1	..
44 Journal of the Bombay Natural History Society, Bombay, Vol. 52, Nos. 1, 2 and 3 ..	3	..
45 Journal of the Bombay Natural History Society, Bombay-Index and title page V501. Nos. 1 and 2 ..	1	..
46 The Journal of the Numismatic Society of India, Vol. XVI, Part I ..	1	..
47 Bulletin of the Prince of Wales Museum of Western India (1952-53) No 3 ..	1	..
<i>Book purchased.</i>		
48 The Dance of Shiva-By Ananda Coomaraswami ..	1	..



DEPARTMENT OF HEALTH, EDUCATION AND
LOCAL ADMINISTRATION.

(Education)

G.O. No. 1491, 5th September 1955

Museum—Administration Report of the Government Museums, Madras
and Pudukkottai and National Art Gallery for the year 1954-55—Recorded.

AD—the following paper :—

from the Superintendent, Government Museum, Madras, No. 2086/55-B-1,
dated 31st May 1955.

er—No. 1491, Education, dated 5th September 1955.

Recorded.

2. The Government Museum continued its useful work during 1954-55. In the previous year, 100 sets of metal casts of coins were got ready for supply to the schools out of which 30 sets were sold out. Eighty-one teachers belonging to 20 City High Schools attended demonstrations in ethnology, Archaeology, Zoology, Botany, and Numismatics on Saturdays during December 1954 and January 1955. A batch of students of Museology in Baroda was given instruction in the methods of chemical conservation of antiquities of different types.

3. The Museum Committee and the Regional Advisory Committee of the National Art Treasurers Fund met once during the year. The Special Committee for the National Art Gallery met twice during the year. The Government Museum organized the "Museum and Art Gallery" in the Progress Exhibition in collaboration with the Tamil Nad Congress Exhibition Committee at Teynampet, during the period from 10th January to 28th February 1955. The exhibits were much appreciated by the visitors.

4. During the year under review, an exhibition of selected Children's drawings and paintings received for the fifth International competition in children's art conducted by "Shankar's Weekly", New Delhi, was arranged in the Centenary Exhibition Hall for a week. In addition to this an exhibition of drawings and paintings of the children of the schools in the Madras State was also held for a week during March 1955. These exhibitions attracted large gatherings including school children.

5. Many valuable gifts were made during the year to the Government Museum and the National Art Gallery. Some of the important items specified below :—

(1) Seventy-five lithographs and reproductions of paintings by old masters donated by the British Council;

(2) a collection of 20 wood carvings donated by the Raja Saheb of Naganga;

(3) a fine portrait study on ivory by the artist Sri K. Venkappa Mysore; and

(4) a Japanese water colour painting and a panel with ivory inlay work of art donated by Mr. T. N. Sethurama Chettiar of Pondicherry.

The Government express their deep sense of gratitude to all the donors.

6. The total number of visitors to the National Art Gallery and the daily average attendance during the year were 73,323 and 237 respectively as against the previous year's figures of 63,946 and 206. Thus, there was an increase in the number of visitors to the gallery during the year. Many of the visitors-foreign as well as Indian had praised the exhibits in the gallery. The total number of visitors to the Government Museum, Pudukkottai during the year was 121,769 (the daily average attendance being 44) as against 113,201 during the previous year. The Government observe that the institution continued to be popular.

(By order of the Governor)

K. GHULAM MAHMOOD,
Secretary to Government

To the Superintendent, Government Museum.

- „ Director of Public Instruction.
- „ Accountant-General.
- „ Director-General of Archaeology in India.
- „ Revenue Department.
- „ Industries, Labour and Co-operation Department.
- „ Librarian, Madras Legislative Library.
- „ Secretariat Library.

Press.

Forwarded to the

H. S. T. P. 1955

(By order)

Superint



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1955