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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
(EXCHANGES SECTION), MADRAS

FOR 1951-52

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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.

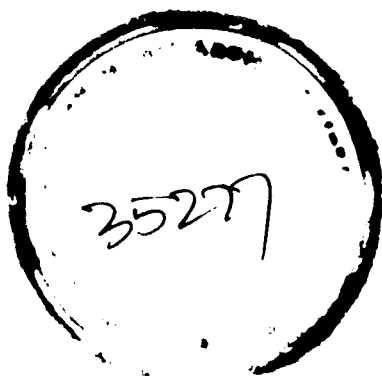
It welcomes co-operation with learned societies; the Archæological Society and the South Indian Society of Painters meet in the Museum. The Museum has a well-equipped theatre—the Museum Theatre—for educational lectures, dramatic entertainments, etc.

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.

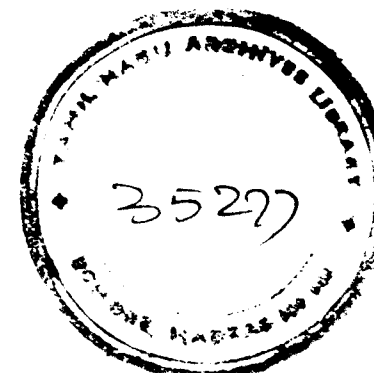
The National Art Gallery is open to the public every day in the week, except Friday, from 9 a.m. to 12 noon and 2 p.m. to 5 p.m. Admission is free.



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"MAHISHASURA VARDINI" (PAINTING IN OILS.)
—Presented by the Rajah of Kurumbangar to the National Art Gallery.

ADMINISTRATION REPORT OF THE GOVERNMENT MUSEUM, MADRAS, THE NATIONAL ART GALLERY, MADRAS, THE GOVERNMENT MUSEUM, PUDUKOTTAL, AND THE CONNEMARA PUBLIC LIBRARY (EXCHANGE SECTION), MADRAS, FOR THE YEAR 1951-52.

I

GOVERNMENT MUSEUM, MADRAS.

GENERAL.

Centenary Celebration.—The most outstanding event of the year, and perhaps also in the history of the Museum for years to come was the celebration of the Centenary of the Museum and the association of the Hon'ble Sri Jawaharlal Nehru, Prime Minister of India, with the function on 27th November 1951. The Prime Minister inaugurated the Centenary celebration and declared open the new National Art Gallery of Madras. As the proceedings have been fully described in the sumptuous *Centenary Souvenir* published on the occasion and as copies of the *Souvenir* have been widely distributed, details of the celebration are not repeated here. The full texts of the speeches of the Prime Minister, His Excellency the Governor of Madras, the Chief Minister and the Minister for Education, Madras, have also been printed in the *Souvenir*. Among the important points stressed by the Prime Minister, three are of special interest to Museum workers all over India and perhaps also in other parts of the world. They are:

(1) More and more people seem to lose all idea of what beauty is, and this is true not only of India, but also of other regions of the world; it is, therefore, desirable to collect articles of beauty from the past or the present so that we may have some standards to judge by and people may, for a while at least see articles of beauty.

(2) A museum which is meant really to interest and educate should show to the common man how the exhibits are related in a historical or other logical series with the objects of his present environment.

(3) Education through museums should be developed by encouraging the public, particularly those who would not otherwise do so, to visit the museum; special emphasis is to be placed on children visiting and learning from the museums.

The Prime Minister spent more time than was scheduled at the Centenary Special Exhibition, and because of his keen and catholic cultural interests, it was not only a great privilege but also a great pleasure to take him round the Exhibition. Among the several exhibits which specially interested him were the series of the best Dancing Siva bronzes, pith models of temples, the impressive collection of copper plate charters of South Indian monarchs, the beautiful and exquisitely made crystal reliquaries from the Bhattiprolu stupa, the records of the initial years of the Madras Museum, the pictorial presentation of Sankara's life, South Indian coins and lastly the Amaravati sculptures.

Vat, a collection of microliths from the Baroda University, plastercasts of skulls and endocranial casts of Pithecanthropus, Eoanthropus and Mousterian man from England; miscellaneous paintings, metalware objects, wood carvings, two copper coins of the Khilji dynasty presented by Mr. J. P. L. Gwynn, I.C.S., and a set of electroplated casts of Gupta gold coins from Lucknow.

Art exhibitions.—The following art exhibitions were held during the year in the Museum:—

(1) An exhibition of paintings by Miss Jaya Appaswamy was held in the Museum Centenary Hall on 26th January 1952. The exhibition was opened by His Excellency the Maharajah of Bhavnagar, Governor of Madras. The exhibition was sponsored by the South Indian Society of Painters.

(2) The International Exhibition of Children's Paintings loaned by *Shanker's weekly* was opened at the Madras Museum Centenary Hall on 20th March 1952 by His Excellency Shri Sri Prakasa, Governor of Madras, who distributed prizes to the winners in the competition from Madras. The Exhibition attracted large gatherings of children from the various schools of the city and was held for a week.

Courses in Museum Technique.—Two batches of teachers were given intensive training in Museum Technique during the months of May and June in 1951 each batch undergoing a fortnight's training in museum methods in Zoology, Botany, Archaeology, Anthropology, Numismatics and Chemical Conservation. It is proposed to train this year two batches of teachers each for a period of three weeks in May and June 1952.

Guide Service to illiterate visitors.—The two Assistant Curators guided a total number of 20,807 visitors round the galleries.

Health Museum.—The Health Propaganda Board continues to occupy the western half of the mezzanine floor of the Geology Block since the Board has not yet acquired a building of its own to house its museum.

Distinguished visitors.—Among the distinguished visitors to the Museum were the Hon'ble the Prime Minister of India, Shri Jawaharlal Nehru, Srimati Indira Gandhi, His Excellency the Maharaja and the Maharani Saheba of Bhavnagar, Members of the Chinese Goodwill Mission, Professor E. K. Heller, University of California, Berkeley, leading the members of the San Francisco State College Seminar, Sri Vindhayeshwari Prasada Varma, Speaker, Bihar Legislative Assembly, Sri J. K. Modi, Speaker, Sourashtra Legislative Assembly, Mr. D. E. Barrett of the British Museum, London, Hon'ble Sri P. S. Kumaraswami Raja, Chief Minister, Madras, Hon'ble Sri K. Madhava Menon, Minister for Education, Madras, Hon'ble Sri B. Gopala Reddi, Minister for Finance, Madras.

Art Treasures Fund.—I was nominated a member of the Council of the Fund, by the Ministry of Education, Government of India, and attended its first meeting during the last week of March 1952.

Museum Committee.—To advise Government on important matters concerning the Museum, and to intensify the educational activities of the Museum, a Committee, with the Secretary to Government, Education Department, as Chairman, the Director of Public Instruction, the Registrar, Madras University, and the Superintendent, Government Museum, as members was constituted by Government (G.O. Ms. No. 724, Education, dated 31st March 1952).

Buildings and grounds.—A new row of benches were provided in the Museum Theatre. The following galleries were electrified: Hindu Sculpture, Amaravati, Jaina, Skeleton, Reptiles, the Small Lecture Room, the Vishnu and Siva idols. The roads leading from the Pantheon Road to the Museum and Library entrances were given tarmac surfacing, a very useful improvement which makes the grounds look much better. Two new lawns were laid and colour added by a number of flower beds. But for the drought we should have had an excellent garden. The "Goli Room" and the small lecture Room have been connected by a new doorway and renamed as the Centenary Exhibition Hall.

NEW ADDITIONS TO THE COLLECTIONS.

Zoology.—A limited number of zoological specimens were acquired for the Museum during this year. Among them are some specimens of *Anthia sexgutta* collected, set and pinned; some specimens of *Poecilocera pictus*, collected set and pinned. A large specimen of one valve of the shell of the Pearl oyster *Pinctada vulgaris* was added to the reserve collection. A number of reptiles obtained for the Centenary special exhibition including *Eryx johni*, the sand boa, *Ptyas mucosus*, the rat snake, *Naia naia*, the cobra, *Bungarus coeruleus*, the common krait, *Chameleon zeylanicus*, the chameleon and *Varanus monitor*, the monitor lizard were preserved in spirit for the reserve collection. A specimen of the starred tortoise *Testudo elegans* was stuffed and exhibited in the reptile gallery. A stuffed specimen of the great Indian horned owl *Bubo bubo* was purchased and exhibited along with a specimen of the Pitta, *Pitta brachyura* presented to the Museum by a Museum peon stuffed and exhibited in the bird gallery. A specimen of the Indian Scops owl *Otus scops rufipennis* was rolled and kept in the reserve collection. A mounted specimen and a skull of the Duck-billed Platypus *Ornithorhynchus* were presented to this Museum by the National Museum, Melbourne, Australia. This is an important accession in that it is an egg-laying mammal found only in Australia. One specimen of the Indian mungoose *Herpestes mungos* was preserved for the reserve collection.

Botany.—Seven specimens, illustrating the sandalwood industry, were presented by Sri B. A. Prabhat, General Manager, Sandalwood Oil Factory, Mysore. Small quantities of bleached lac; and lac which is akin to silk lac were presented by the Director, Lac Research Institute, Namkum, Ranchi. Samples of rayon (yarn) and its raw materials were procured as presents from the Forest Chemist at Bangalore through the kind courtesy of the Chief Conservator of Forests, Bangalore. A bunch of six seed-bearing plantains was obtained as a gift from Sri R. S. Iyengar, 31-D, Shenoy Nagar, Madras-10. One pressed specimen of *Meliosma arnottana* was received free of cost from the Forest Range Officer, Coonoor, through the kind courtesy of Sri M. Kesavan Unni Nayar, Chief Conservator of Forests, Madras. Samples of Bidi tobacco (variety, K. 49) and of five different grades of flue-cured leaf of cigarette tobacco were presented by Dr. B. S. Kadam, Director, Central Tobacco Research Institute, Rajahmundry. A small bag of wheat with stars and stripes of the United States flag on it was ceremonially presented by the American Vice-Consul to the Hon'ble the Minister for Food, Madras, on the occasion of the arrival of the first American food-ship at Madras. This exhibit was sent to the Museum by the Collector of Madras for exhibition. Seven samples of vegetable oils and twenty-seven samples of seeds were procured from the local market, at a cost of Rs. 9-1-0. A working model to demonstrate pollination in *Salvia* flower, and models of three

insectivorous plants (*Nepenthes*, *Sarracenia*, and *Dionaea*) were purchased from the Biological Teaching Aids Corporation, Agra, for Rs. 134. A map of South India showing the principal areas of cultivation of coffee, and three charts of *Dionaea muscipula*, *Sarracenia purpurea*, and *Mucor sp.*, were prepared in this Section.

Geology.—A crystal of spodumene was presented by the Superintendent of the Champion Reef/Ooregum Joint Operation, Champion Reefs P.O., South India. A dozen specimens illustrative of the Porcelain Industry, were received as present from Sri V. G. C. Pani, Commercial Manager of the Government Porcelain Factory, Bangalore. Five pounds each of zircon, rutile, leucosene, and sillimanite were procured as gift from the Manager of the Travancore Minerals Concerns, Chavara, Quilon. Specimens of wolfram, scheelite ore and andradite-hedenbergite hornfels were presented by Mr. N. H. Fisher, Chief Geologist of the Bureau of Mineral Resources Canberra, Australia. A mineral map of India (scale: 1 inch = 128 miles) was received as a present from Dr. M. S. Krishnan, Director of the Geological Survey of India. A specimen of joseite was obtained as gift from Mr. H. F. Whitworth of the Geological and Mining Museum, Sydney, Australia. Samples of bauxite, kaolin, and fuller's earth were obtained free of cost from the Industrial Minerals and Chemical Company, Bombay. Twenty-three specimens and three charts, pertaining to South Arcot Lignite, were presented by Sri H. K. Ghose, Special Officer for Lignite Operations, Neyveli. A small collection of fossils and minerals was received free of cost from Major C. H. Biddulph of the Southern Railway for making presentations to schools. Seven maps of the world at different geological periods were prepared by an artist at cost of Rs. 100. One specimen of lava from the Vesuvius, and another of blue quartz from Africa were purchased from Miss C. R. Dunhill. A map showing the distribution of Cretaceous rocks of Tiruchirappalli was prepared in this Section.

Anthropology.—Among the accessions of the year are a fine collection of 21 microliths consisting of lunates, blades, triangles, side scrapers, arrowheads, six palaeoliths from the Mahi and the Sabarmati valleys, and potsherds from Rangpur of the Indus valley type obtained in exchange from the Maharaja Sayajirao University of Baroda. A set of seven leather shadow play figures from Indo-China depicting the temple at Angkor-vat, Kumbhakarna, Tadagi-Anjaneya, Maharishi, Apsaras, Devakanyas, Naitanama and Jadayu representing the shadow play art of French Indochina was obtained by purchase through the courtesy of the Consul-General for India at Saigon. Plastercast restorations of the skulls and endocranial casts of the Ape-man of Java—*Pithecanthropus erectus*, the Piltodon woman of England—*Eoanthropus dawsoni*, the Mousterian man of France—*Homo mousteriensis* and a plaster cast of the bust of a young Gorilla were purchased. The *Pithecanthropus* material included casts of the femur and three teeth and the *Eoanthropus* material included six casts of associated flint implements. Three potsherds of Arretine ware from Arikamedu, a Roman site near Pondicherry, were presented by Sri T. N. Sethuram, Collector of Pondicherry. A silver-handled sword, a silver-handled dagger, stamped palm leaves of the year 1864 with the head of Queen Victoria, used on it for use as stamp paper, a printed Panjangam in Malayalam for the year 1855, an iron vessel with hook and a lead vessel were presented by T. Kunhi Kamaran Nambiar, M.L.A., Kudali Estate, Kudali. A brass vessel and vessel for oil with spout of brass were presented by T. V. V. munnai Nayar, Manager, Kizhakke Kovilagam, Kottakkal.

ten spindles used in cotton ginning were presented by Sri T. Gopalaswami, Chariapuram, Edavasal. Eight portraits of the Zamindars of Nuzvid and Saraopeta from the 12th century to the 19th century and a finely carved elephant goad were presented by the Zamindar of Viyyur. A miniature model of a *Gadaba* maid was presented by the Maharaja of Mysore. A set of 38 old toys of the Kondapalli and Tanjore types were purchased. A set of 9 miniature temple *vahanams* made of wood pulp and terra-cotta figures were purchased (Appendix III).

Numismatics.—Two gold, two copper and fourteen electroplated casts of 18 gold coins were added to the collections. Details are given separately in Appendices I and III).

Besides these, 64 exhibits were sent to this Section from the Madras Records Office, on permanent loan. These exhibits include charters, treaties, agreements, documents in Indian languages, letters written by officers of the East India Company, regimental flags and dress, maps and plans, photos and pictures, wax impressions of seals and other miscellaneous articles.

Archæology and Art.—During the year 175 objects were acquired.

Of these two were sculptures: one, a *sopana* slab, presented by Sri Sankummi Varier, Advocate, Tirur, and the other, an inscribed seated *dharmadha* figure of late mediæval style from Manikandi in the Ramanathapuram district acquired through the Collector of Ramanathapuram.

Eight of the acquisitions were bronzes, three acquired by purchase and five from treasure-trove finds.

One worn-out conch was acquired from a treasure-trove find.

A copper-plate grant belonging to the time of Venkatapatiraya I of Vijayanagar, with the date 1530 in Sakaera recording the grant of a village to some Brahmanas by the king was purchased. The grant consists of five lines strung on a ring to which is attached a seal bearing in relief the figures of the boar and *ankusa*.

Seventy wood carvings belonging to temple cars were presented by the trustees of the Siva temple at Koyambedu. These include many rare figures of iconographic and artistic interest and are in a good state of preservation.

A China jar with eight facets and six panels of landscape on its body and with other beautiful decorations in a variety of patterns all over its exterior was presented by Mrs. P. J. Hinton, Pantheon Road, Madras-8.

Only one metalware article, a ceremonial copper tumbler, was acquired by purchase.

For the section devoted to the life and activities of Sri Jagadgur Adi Sankaracharya in the Centenary exhibition, a plastercast was made of the order from the original stone figure in the Siva temple at Tiruvorriyur, near Madras, with the kind permission of the Trustees of the temple. The plastercast showing the renowned Acharya in the *vyakhyana* pose with his four disciples shown on the pedestal, is the first cast to be made from the original, and it was much appreciated by the visitors to the Centenary Exhibition.

Two Bidri-ware articles of the usual type were added by purchase.

Twelve prints of European masterpieces were presented by the British Council through the kind offices of Mr. S. C. G. Bach. And eight prints of Mughal painting of the best class were purchased to enrich the collections which are being made for a Students' Room to be attached to the National Art Gallery.

Five paintings were purchased. Of these, one entitled "Maduraiviran" is in tempera, in the early Tanjore style; two are modern water colour paintings on silk by K. Madhava Menon; one is a painting in water colour by Krishna Reddi and the fifth is a landscape in water colour, entitled "Panamalai" by K. Ramamurti.

Sixteen paintings were received as gifts from the Raja Saheb, Kumarswamy Raja Bahadur of Karvetnagar. Noteworthy among these are a large colourful and vigorous picture of Mahishasuramardini, two paintings in tempera showing the durbar of Sri Sankaracharya and his performing puja, and three paintings of an elephant, a horse and Subrahmanya on peacock with his consorts. Of these four were selected for exhibition in the National Art Gallery, the rest being assigned for the Art Section of the Museum.

The remaining 47 items of accession were donations received in response to His Excellency the Governor's appeal for art objects for the National Art Gallery (see Appendix III). Fifteen of them were paintings of which nine were presented by the Maharaja of Jeypore (Orissa), five by Sri P. C. Veerarayan Raja of Calicut, and one by Sri D. Chandrasekharan.

Five drawings were presented by the Maharaja of Jeypore. They represent various deities.

Two ivory articles, one a table-lamp in three parts, scooped out of a short length of an elephant tusk and with jali-like scroll work enclosing seated figures of the Buddha on its exterior, was presented by Dr. K. V. AL. RM. Alagappa Chettiar, and the other representing Krishna playing on flute was presented by the Maharaja of Jeypore (Orissa).

A wooden figure of a woman of the show-room type was presented by the Zamindar of Neelipudi.

One silver basket of filigree work was the gift from Jagadguru Sri Sankaracharya of Sri Kanchi Kamakoti Pitham.

Four plaster and cement figures of Mahatma Gandhi and others were presented by the Maharaja of Jeypore.

The Nawab of Banganapalle presented three lacquer works including a fan and a walking stick. They are simple and elegant in their design.

Of these gifts, however, only the ivory table-lamp presented by Dr. K. V. AL. RM. Alagappa Chettiar was selected by the Committee of the National Art Gallery, for exhibition in the Crafts Room of the gallery and the rest were found by the Committee to be worthy of exhibition in the Art Section of the Museum. With the consent of the donors the gifts were retained in the Museum.

Besides, eight paintings and eight textiles were transferred from the School of Arts and Crafts, Madras, to the Museum, to be added to the collections for the National Art Gallery. Of these the paintings and five textiles were exhibited in the gallery, the three remaining bits of textiles have been added to the reserve collection.

RESEARCH AND PUBLICATION.

Zoology.—The Bulletin, *Amphineura and Gastropoda of Krusadai Island* the Curator, is now in the final proof stage and is expected to come out shortly. The next in the series of Natural History bulletins by the Curator, *The Scaphopoda, Pelecypoda and Cephalopoda* of the Krusadai and, is ready for the press. A descriptive guide to the Zoological galleries is also under preparation. The Curator's handbook on Museum technique in Zoology is being prepared for publication.

Botany.—The Curator for Botany Sri M. S. Chandrasekhar, went on tour Kambakam and made a preliminary survey of that place in connexion with his study of ferns.

An experiment on better methods of exhibiting vegetable oils, was also attempted, but without success, and was not pursued beyond the initial stages.

Some ecological observations on *Jussiaea suffruticosa* and *Scirpus articulatus* made by Sri M. S. Chandrasekhar, while at Bannerghatta last year, were published as a short abridged note in *Current Science* (Vol. 20, page 16: 1951).

A case of abnormality in the inflorescence of a drumstick tree at Saidapet was brought to our notice by Sri P. V. Krishnamurthi of the Corporation Boys' High School, Saidapet, Madras. It was inspected by Sri M. S. Chandrasekhar, and a brief article on the phenomenon was prepared and forwarded by him for publication.

A short report on the Botany Section of this Museum, was prepared for publication in the Journal of the Museums Association.

Anthropology.—The paper "Possible Sumerian Survivals in Toda Ritual" by H.R.H. Prince Peter of Greece with an introduction and notes by the Superintendent and illustrated by ten beautiful coloured plates was published this year. The revised edition of Professor P. Sambamoorthi's "Catalogue of the Musical Instruments in the Madras Government Museum" is being prepared for the press. All the recent additions to the collection of musical instruments in the Museum have been included in the revised edition and photographs of the additions are being prepared for inclusion in the catalogue. The Superintendent and the Curator are continuing their work on the Wynaad tribes and Kolli Malaiyals respectively and are also preparing a paper on the Tali Rite. The Curator contributed two articles one on 'Pottery' and the other on 'Anthropometry' to the Tamil Encyclopaedia.

Archæology.—Owing to the work in connexion with the Centenary and the organization of the National Art Gallery, research work could not be pursued during this year. The *Guide to the Buddhist Antiquities* is in its final proof stage. The book on "Indian Epigraphy and South Indian Scripts" by Mr. Sivaramamurti is about to be printed.

Numismatics.—The Curator was engaged in the collection of the relevant material for a paper on the Dowlaishwaram hoard of Chola and Eastern Chalukyan Coins.

EDUCATIONAL WORK.

Reference has been made above to the courses in museum technique for teachers and to the special exhibitions and lectures.

GEOLOGY.

Additions to the galleries.—Two photographic enlargements of the Gangotri Glacier, and one photograph of animal burrows, were the additions to our exhibits in the General Geology galleries. Two specimens of rocks with fossil algae, and three photographs of reconstructed models of *Trachodon*, *Triceratops* and *Stegosaurus*, and a distribution map of Cretaceous rocks of Tiruchirappalli, were exhibited in the Stratigraphy cases. A fresh sample of rutile from Travancore and a cut specimen of amethyst from the reserve collections, were our principal additions to the Mineralogy cases.

Improvement.—Twenty gem stones, and specimens of zircon, rutile, ilmenite, and monazite were given better display in the galleries.

Glass panes of a large number of show cases, that were accidentally broken by the visitors, were renewed.

Index cards were prepared for 308 exhibits in the Geology galleries.

Two fluorescent lamps were purchased with a view to opening a sub-section for the demonstration of fluorescence in minerals.

Labelling and preservation.—Labels were prepared for seventy-two specimens and six photographs; and Tamil and Telugu terms were also found for, and included in, all of them. Thirty-three descriptive labels were prepared for the different groups of exhibits; thirteen of them were printed at the Government Press. Eighteen labels were painted for the Special Centenary Exhibition.

ANTHROPOLOGY.

Additions to the galleries.—The plaster cast restoration of the Crania and the endocranial casts of the *Ape Man* of Java (*Pithecanthropus erectus*), the Piltdown woman of England (*Eoanthropus dawsonii*) and the Mousterian man (*Homo mousteriensis*) were exhibited in the Physical Anthropology exhibit case with suitable labels.

The exhibition in the Pre-historic Antiquities galleries of a series of stone implements from the R.B. Foote and other collections on a typological basis is in progress. Among the exhibits are choppers, discs, discoidal cores, hand axes with pebble butts among the palaeoliths, and picks, chisels, flat celts and fabricators among the neoliths.

Improvements to the galleries.—The Tanjore arms vertical cases, the Chinese helmet case, the powder flasks case, the miniature cannon models case in the arms gallery and the cases containing ritual objects, *Sesha Vahanam*, silver votive offerings, and the model of a temple car were renovated by removing the black paint and varnish. The Cuddapah shadow play figures were exhibited on a new cloth screen with illuminated background. Three musical instruments, *Kinnari*, *Vinai Kunju* and the all-metal *Gotu Vadyam* were repaired, re-strung and exhibited. A barricade was put up to protect the Kathakali figures.

Labelling and preservation.—The provision of trilingual labels to some selected series of exhibits in the Arms galleries is in progress. Preservative treatment for the reserve collections of ethnographic materials, musical instruments and the newly acquired shadow play figures is in progress. The labelling, re-numbering and the routine treatment of exhibits for preservation, have also been attended to during this year.

ARCHÆOLOGY.

Additions to the galleries.—The newly framed copies of Sigiriya frescoes were exhibited in the Goli Sculpture gallery, where also the copies of murals from Ajanta, etc., exhibited formerly in the Picture Room were removed. But the former have since been removed from the Goli Sculpture gallery consequent on its conversion into an exhibition and lecture hall under the name of Centenary Exhibition Hall as per instructions from the Government. In the case where the famous set of Rama, Sita, etc., of the Chola period, was shown in the Vaishnavite Images gallery, the figures of Rama and Sita from Nannilam, were shown, as the former set was removed to the National Art Gallery. The Marukal Natesa is now shown in the centre case where the famous Tiruvalangadu Natesa was exhibited prior to its removal to the National Art Gallery. The plastercast of the Tiruvorriyur Sankaracharya image, prepared for the Centenary Special Exhibition has been added to the Hindu Sculpture gallery.

Improvements.—The label brackets of 15 sculptures in the New Extension were fixed in a slanting position so as to be read by the visitors without strain. On the establishment of the National Art Gallery the pictures exhibited in the Picture Room of the Museum except those transferred to the National Art Gallery were removed to the store and the room given over to the Zoology Section.

Labelling.—Fifty labels of the metal images were rebound and exhibited; and 25 labels in the Stone Sculptures galleries were renewed and fresh label brackets numbering about a dozen were provided as the previous ones had been damaged owing to meddling. The work of preparing the labels in the local languages was begun.

Preservation.—The metal figures numbering 40 which remained with the Curator, Chemical Conservation Section, last year were returned after cleaning; 10 wood carvings and 4 metal articles were cleaned in the Chemical Conservation Section. Besides, the blue and white patches that appeared on individual bronzes in the gallery every now and then were cleaned then and there as instructed by the Curator, Chemical Conservation Section. In addition, the objects in the archæological godown were frequently checked and the wood carving in the archæological shed were treated with white-ant exterminator a number of times. A set of 70 wood carvings was sent to the Curator, Chemical Conservation Section, for cleaning.

NUMISMATICS.

During this year the Curator has transferred Accession Nos. 466, 470 and from 481 to 503. One hundred and forty silver, 68 copper and 24 billon coins were transferred to the stock or the sales register.

RESTORATION AND PRESERVATION DONE IN THE
CHEMICAL CONSERVATION SECTION.

During the period under review seven bronze images (namely, Chandikesvara, Parvati, Vignesvara, Somaskanda, Manikkavachaka, Nataraja and Buddha) were electrolytically treated and cleaned; seven smaller articles were chemically treated by Rochelle salt method and restored.

Eleven copper coins were restored by means of Rochelle salt treatment. Two hundred lead coins were given 10 per cent acetic acid treatment and cleaned. Two per cent celluloid coatings were given after cleaning.

Eight swords which were in a rusted condition were cleaned with sand paper.

One hundred and sixty-four wooden temple car panels were treated in batches for the removal of the thick tar coating covering them. Hot dilute sodium carbonate solution ranging in strength from 2 to 5 per cent was used for treating the panels.

Help to schools.—The teachers (two batches) who underwent the "Museum Technique Course" during the year were given lectures in methods of chemical, electro-chemical and electrolytic treatment of antiquities and their restoration.

Work in the galleries.—The galleries were inspected periodically and preservative treatment suggested.

Research.—The various scientific articles pertaining to "treatment and restoration of antiquities" appearing in "Museums Journal", "Technical Studies", "Nature", "Current Science", etc., were perused exhaustively and any suggestions mentioned or new methods enumerated therein were taken note of and applied to the articles undergoing treatment in this Laboratory.

PHOTOGRAPHIC WORK.

Zoology.—A set of 19 photographic enlargements 10" × 12" in size showing various phases of the life of the Indian elephant, *Elephas maximus*, and the Keddah operations was purchased, mounted in frames and exhibited in the Elephant section of the Skeleton gallery.

Botany.—Twenty-eight photographs pertaining to manufacture of rayon, were presented by the Oscar Kohorn (India), Ltd., Bombay.

Photographs of a model showing the parts of a typical flower, and of our exhibit, "Moss on leaf-mould," were prepared.

Geology.—Eight photographs, pertaining to the South Arcot lignite, were presented by Sri H. K. Ghose, Special Officer for Lignite Operations, Neyveli. Four photographs, pertaining to the fossil trees at Tiruvakkarai, and one photograph of our reconstructed model of Brontosaurus, were our other additions.

Archæology.—Forty-seven half size, 30 quarter size and 20 two and three-eighth inches size negatives were added this year. Details are given in Appendix V.

Anthropology.—A number of new photographs to illustrate the Centenary Souvenir Volume were prepared and included in the album. Among these are photographs of the past Superintendents of this Museum specially copied from old prints, portraits or other publications. The special photographs prepared for the Centenary also include views of the Arms gallery, the Kathakali figures, the Panchamukhavyam and the megalith model. The old and faded photographs illustrating the Adichanallur and Perumbair galleries were completely renewed; a set of new enlargements were prepared from negatives loaned by the Superintendent, Department of Archæology, Southern Circle, Madras, and exhibited.

Numismatics.—Six photographic negatives of quarter size were added this year. Details are given in Appendix V.

PLANS FOR THE YEAR 1952-53.

General.—As a Committee to advise Government on matters concerning the Museum has been specially constituted to intensify the educational activities of the Museum, efforts will be initiated this year to bring the Museum and educational institutions into closer co-operative contacts.

Zoology.—Apart from routine preservation and collection, the following items of work are envisaged for the next year: (1) The collection and inclusion in the exhibits of fresh specimens in the reptile gallery; (2) the building up of the Bird gallery by stuffing and adding to the gallery the bird skins already rolled and kept in reserve collections; (3) the continuation of the background colour scheme for the Bird gallery and Mammal gallery exhibit cases; (4) the putting up of painted sign boards to the cases in the different galleries where they are lacking and (5) the preparation and exhibition of trilingual labels for all these exhibits which are now provided with Tamil labels only.

Botany.—It is planned to obtain some more specimens of tobacco industry and a few samples of seedless grapes in the coming year.

Specimens of bleached lac and silk lac will be displayed in the Economic Botany galleries. Enlarged models of the trap mechanism in insectivorous plants (*Nepenthes*, *Sarracenia* and *Dionaea*) will be exhibited in the Ecology galleries. A working model to demonstrate pollination in *Salvia* flower will be so put up in the galleries, as could be easily operated by visitors. A sub-section of sandalwood industry will be opened in the Economic Botany galleries. Exhibits of vegetable oils and oil-seeds will be renewed with fresh samples of the same. Preparation of index cards for the exhibits will be further pursued. Renewal of old labels will be pursued; and names in Tamil and Telugu will be entered on as many labels as possible.

Study of the ferns of the Madras State, that was discontinued last year, will be taken up afresh and pursued. The "Handy Guide to the principal Exhibits of the Madras Museum", which is now in the proof stage will be published.

A special exhibition of lac and lac products, will be conducted.

Efforts will be made to procure more photographs to illustrate the manufacture of rayon.

Geology.—Efforts will be made to procure a good hand-specimen of cobaltite. A mineral map of India (scale: 1 inch = 128 miles), photographs of different stages of steel manufacture, and specimens of spodumene, Vesuvius lava, African blue quartz, sillimanite, leucosene, wolfram, scheelite, andradite-hedenbergite hornfels, joseite and edible earth, will be exhibited in the Mineralogy galleries. Maps of the world at different geological periods will be exhibited in the Stratigraphy galleries.

Sub-sections of porcelain industry and South Arcot lignite will be opened in the Geology galleries. Arrangements will be made for the exhibition of the phenomenon of fluorescence in minerals. The work of re-arrangement and reorganization of the Index galleries will be taken up.

Preparation of index cards for the exhibits will be further pursued. Labelling in Indian languages will be continued.

A special exhibition of "quartz" will be conducted.

The collection of fossils and minerals, received from Major C. H. Bid-dulph of the Southern Railway, will be freely distributed to those schools

who might ask for the same. The practice of presenting fossil wood to educational institutions that might need it will be continued.

Archæology.—The following among others will be undertaken in 1952-53 : (1) Acquisition of wood carvings from Ramanathapuram district and of copies of mural paintings of Tanjore and Sittannaval; (2) arrangements for the exhibition of paintings, etc., in the Art Section of the Museum; (3) the proper arrangement of the sculptures in the reserve collection rooms and sheds; (4) provision for the storage of surplus material; (5) work of cataloguing the bronzes and copper plate grants, received after the two catalogues relating to these were published; (6) the preparation of better and more explanatory types of labels and (7) research on Jain sculptures.

Numismatics.—The Curator was not able to complete the work of transfer of coins from accession to stock and sales registers during this year as the Centenary Exhibition work interfered with his regular duties. He proposes to complete the transfer work at an early date.

The Curator proposes to take plastercast impressions of the coins of South Indian dynasties and exhibit them in the gallery.

He is taking up the Coimbatore hoard of Roman silver coins for research.

Anthropology.—Reorganization of the arrangements of exhibits in the different galleries and the reserve collections delayed on account of the Centenary celebrations will be taken up. The preparation and exhibition of more detailed trilingual labels for all the galleries beginning with the arms galleries is in view.

The index collections of the plastercast reproductions of the fossil remains of early man so far obtained will be augmented as much as possible from time to time.

GOVERNMENT MUSEUM, }
MADRAS-8, }
31st May 1952. }

A. AIYAPPAN,
Superintendent.

II

THE NATIONAL ART GALLERY.

Early in 1951, Government authorized me to take the preliminary steps for the organization of an Art Gallery, the lack of which was a real lacuna in the cultural life of the State. It was proposed to house the Art Gallery in the Victoria Memorial Hall owned by the Council of the Victoria Technical Institute. His Highness the Maharaja of Bhavnagar issued a personal appeal for donations of art objects to the National Art Gallery. The decision of the Government to establish the National Art Gallery was communicated in G.O. Ms. No. 2086, Education, dated 1st August 1951. In the same Government Order, the Government constituted a Special Committee consisting of the following to advise them (the Government) in the matter of the inauguration of the gallery:—(1) The Secretary to Government, Education Department, Chairman (ex-officio), (2) Sri D. P. Roy Chowdhury, Principal, School of Arts and Crafts, Member, (3) Dr. James H. Cousins, Sevashram, Adyar, Member and (4) Dr. A. Aiyappan, Superintendent, Government Museum, Convenor (ex-officio). In G.O. Ms. No. 2495, Education, dated 17th September 1951, Government sanctioned the preliminary expenditure and a temporary staff of a lower division clerk, two peons and five

gardeners. The Superintendent and the Curator for Archaeology were directed to be in additional charge of the National Art Gallery.

In the meantime, the Victoria Memorial Hall was secured from the Victoria Technical Institute on a rent of Rs. 500 a month.

The Special Committee busied itself with the selection of art objects from the existing collections of the Museum and the School of Art and Crafts. From the latter, only eight textile bits and eight paintings were selected. From the Museum, 59 paintings including four donated by the Raja of Karvetnagar and two masterpieces of Ravi Varma, 11 bronzes including the famous figures of Natesa from Thiruvallangadu and Rama, Sita, Lakshmana and Hanuman from Vadukkuppansaiyur, 17 metal articles, 10 wood carvings, 6 ivory carvings including an ivory table-lamp donated by Dr. Alagappa Chettiar, 6 sandalwood carvings, 7 Bidri articles and one palampore were selected. The general principle of selection was to choose the best specimens available in each group, for exhibition in the National Art Gallery so as to make it worthy of its name. The Committee also decided to replace the exhibits by better specimens as and when they become available. During the time when the Committee was engaged in selecting specimens of paintings, etc., the Public Works Department was requested to carry out the necessary improvements in the Victoria Memorial Hall to make it suitable without disturbing the existing arrangement of cases. The built-in masonite cases were altered and painted yellow. The fans, with long rods, which disfigured the main hall were removed and six exhaust fans and floodlights and fluorescent lights introduced. The interior of the hall and rooms were repainted. Dr. J. H. Cousins, assisted by the Superintendent and the Curator, Archaeological Section, was in charge of arrangement of the exhibits. The response to His Excellency the Governor's appeal was good; eleven donors sent in their gifts. With the exception of an ivory table-lamp presented by Dr. R. M. Alagappa Chettiar, the other objects received as gifts could not be fitted into the scheme of the National Art Gallery although they could go as well in the Art section of the Museum. Only three donors did not agree to the proposal of showing their gifts in the Museum and their objects had to be returned.

The opening of the National Art Gallery was arranged to synchronize with the Centenary of the Museum, and it was done on the 27th November 1951 by the Hon'ble the Prime Minister of India, Sri Jawaharlal Nehru.

Subsequent to the inauguration of the National Art Gallery, the Committee met to decide on the future development of the Gallery. To begin with, the Committee was in favour of making some show cases for displaying smaller paintings so as to make room in the wall cases for larger paintings. Then the Committee recommended the purchase of 17 paintings by promising artists of Madras.

After the inauguration of the National Art Gallery, a number of scholars, artists and art connoisseurs visited it. Most prominent among them were Srimathi Rukumini Devi, G. Venkatachalam, M.L.A., Dr. V. S. Agrawala, Prof. O. C. Gangoly and Mr. D. E. Barrett of the British Museum, London. They were all uniformly of opinion that we have begun well.

During the period 27th November 1951 to 31st March 1952, the National Art Gallery was visited by 46,399 persons.

The following is the list of donors who generously responded to the appeal for donations to the National Art Gallery:—

(1) Sri Kumaraswamy Raja Bahadur, M.L.A., Karvetnagar; (2) Sri Ramakrishna Deo, Maharaja of Jeypore, Orissa; (3) Sri P. C. Veerarayan Raja,

"Vengalil House" Mankad, Chaiapuram, Kozhikode; (4) Sri D. Chandrasekharan, B.A., Chintadripet, Madras; (5) Mir Gulam Ali, Nawab of Banganapalle; (6) Sri Madireddi Veeraswamy Naidu, Zamindar of Neelipudi, Masulipatnam; (7) Valia Thampuratti Avargal, Kizhakke Kovilakam, Kottakkal; (8) Zamindar of Vuyyur, Nuzvid, Krishna district; and (9) Dr. R.M. Alagappa Chettiar.

A "provisional catalogue with explanation" of the exhibits in the Gallery was published. Copies of the catalogue are on sale.

NATIONAL ART GALLERY,
PANTHEON ROAD,
MADRAS-8.

A. AIYAPPAN,
Superintendent.

III

GOVERNMENT MUSEUM, PUDUKKOTTAI.

GENERAL.

Visitors.—How the importance and usefulness of the Government Museum, Pudukkottai, increase every year is seen from the daily average attendance in 1951-52, having gone up to 419 as against 361 in 1950-51 and 272 in 1949-50 and the percentage of literate visitors to 21.30 in 1951-52 as against 17.10 in 1950-51 and 14.90 in 1949-50.

Thirty-three educational institutions from the neighbouring districts and the Pudukkottai territory were benefited by their visits in 1951-52 as against 29 in 1950-51 and 11 in 1949-50, while 22 distinguished visitors visited the museum in the year as against 36 in 1950-51 and 18 in 1949-50.

The distinguished visitors included most of the Hon'ble Ministers to the Government of Madras including the Hon'ble Chief Minister, Sri P. S. Kumaraswamy Raja, high-ranking I.C.S. officers and other officials.

Extra-mural activities and assistance to institutions.—On 2nd July 1951, I gave a talk on "Vanamahotsava" under the auspices of the National Tree-planting week organized by the local municipality. The function was organized and celebrated in the Museum gardens also by planting 57 saplings of which 29 were fruit-bearing ones.

I accompanied the Hon'ble Sri P. S. Kumaraswamy Raja, Chief Minister, Madras Government, on 29th June 1951 to Sittannavasal, and explained to him and the other district officials who had come with him the importance of the Jain rock-cut cave temple and the frescoes in it.

On 15th August 1951, I presided over the Indian Independence Day Celebrations in the neighbouring Board Middle School and hoisted the Union Flag. I made a short speech on the "Indian Independence Day" and the origin and importance of the Union Flag.

Three stone sculptures of the 10th century A.D., comprising the Tripurantakamurti group from Kodumbalur, and a plaster-cast of Kalarimurti of the same period from the Muvarkoil at Kodumbalur were lent from the Archaeological section of this Museum to the Government Museum, Madras, for its Centenary celebrations on 27th November 1951.

The album of the frescoes at Sittannavasal Jain cave temple was also lent to the Government Museum, Madras, for making enlargements for the Centenary Exhibition.

• *Gifts to the Museum.*—A full-size specimen of Indian Pangolin, or Scaly Ant-eater (*Manis crassicaudata*), caught near Tiruvarangulam five miles from Pudukkottai in the scrub jungle area, was presented by the local branch of the Southern Roadways (T. V. S. Motor Transport, Limited).

Picture Gallery.—The gallery started in the front hall of the western main building containing the photographs and photo enlargements and paintings and drawings of the Tondaiman rulers of Pudukkottai State, and their administrators were re-arranged with their labels written in Tamil also. This section has been inviting the attention of the visitors and it will gradually be made attractive and interesting.

Increased educational activities.—As will be seen from Appendix III, 33 educational institutions visited the Museum in the year as against 29 last year, and either the Curator, or the Technical Assistant took them round, and explained the exhibits of the different sections to the students.

Scout service in the Museum.—A batch of scouts from the local Sri Brahadambal Government High School headed by their Scout Master visited the Museum on 21st March 1952. They were clearly told how they could help the illiterate visitors to the Museum as guides, and arrangements will shortly be made to train them by batches so that they could act as gallery guides during their week-end and other holidays.

Galleries, buildings and gardens.—The broken glass panes of the show cases were replaced, and the interior of some of them was painted. Petty construction and repairs to the eastern wing (the Archaeological section) of the building were done at a cost of Rs. 488.

• *Installation of a drinking water tap* sanctioned two years ago by the Government is still, in spite of several reminders, pending execution, by the Public Works Department, so also the erection of a new wall in the south-western part of the Museum for which also the Government have accorded sanction.

The Botanical and vegetable gardens started by the present Curator in 1946 when he took charge of the Museum, have expanded. "Vanamahotsava" or the Tree-planting week was celebrated in the Museum gardens in the first week of July 1951, and 57 saplings of utility and æsthetic value were planted.

The gardens continue to be supervised by the Curator, and worked by the museum peons outside the office hours for which the produce are appropriated to them in accordance with the Proceedings of the Pudukkottai Darbar in L. Dis. 11092/46, dated 15/17th December 1946, and D. Dis. 331/47, dated 12/17th April 1947.

A separate gardener is quite necessary, proposals for which, when submitted in 1950 and 1951, were asked to be deferred. The question will be taken up again.

• *Distinguished visitors.*—The Hon'ble Sri P. S. Kumaraswamy Raja, Chief Minister to the Government of Madras, the Hon'ble Sri H. Sitarama Reddi, Minister for Revenue and Labour, and the Hon'ble J. L. P. Roche Victoria, Minister for Food and Fisheries, Sri M. A. Kuttalalingam Pillai, Director of Civil Supplies, Madras, the Yuvaraja of Sandur, Rajkumar Vijayaraghunatha Tondaiman of Pudukkottai, and Mr. Douglas Barrett of the British Museum, were among the distinguished visitors.

WORK IN THE SECTIONS.

This consisted in the re-arrangement of the galleries, replacing the old and damaged labels by fresh ones, cleaning and refilling the specimen jars with fresh preservative solutions, and in making the sections attractive and self-explanatory with the labels written clearly in English and Tamil, the regional language.

Library.—Affords the same useful service and importance as in previous years to the Curator, and the interested public.

The staff.—I continued to be in charge of the museum doing administrative and Curator's work.

Sri H. Ramamurthi, temporary Technical Assistant, appointed under the emergency provisions, resigned his post on 27th October 1951, and Sri D. Siluvai Arul, B.A., has been appointed on 5th March 1952 in the place. Sri T. P. Radhakrishnan from the Government Museum, Madras, has been appointed as the junior Taxidermist on 1st May 1951. The services of the temporary night watchman, Mohammad Ibrahim Sahib, were terminated on 2nd May 1951 and Dharmalingam was appointed in his place on 17th July 1951.

Tours.—I went to Madras on 7th December 1951 to see the Centenary Exhibitions, and the National Art Gallery, and remained at Madras till 11th December 1951.

From 15th to 17th and 23rd to 26th January 1952, I was away on the General Election work as the Presiding Officer in Pudukkottai-Tirumayam and Karur-Erode constituencies. So were my clerk and Taxidermist as the Assistant Presiding Officer and polling clerk, respectively. I was on leave on average pay from 13th December 1951 to 14th January 1952. The Taxidermist, Sri T. P. Radhakrishnan, was on leave on average pay from 3rd to 13th October 1951 and 4th to 18th January 1952.

GOVERNMENT MUSEUM, PUDUKKOTTAI,
24th April 1952.

T. S. SUNDARAM,
Curator.

IV

CONNEMARA PUBLIC LIBRARY.

(EXCHANGES.)

The number of institutions sending their journals in exchange for the Museum Bulletin was 205 and the number of different journals received from those institutions was 380. The number of standard works sent by them was 9. During the year under report, the following 13 new institutions have been added :—(1) Director, Visva Bharati Quarterly, Santiniketan, West Bengal, (2) Director, Oriental Institute, Baroda, (3) Acquistiti, Department, Continuation Section, Margeret I King Library, University of Kentucky, Lexington 29, Kentucky, U.S.A., (4) Director, Institute of Human Paleontology of the University, Via Boldini n.14 Ferrara, (5) Librarian of the Czechoslovakia Entomological Society Praha 11 Prague, Czechoslovakia, (6) Librarian, University College, Ibadan, Nigeria, (7) General Secretary, Zoologische Botanische Gessellschaft in Wien, Vienna, (8) Director, Institute Dizologia. Dell Universita, Naples, (9) Librarian, Bibliotheca Bogorensis

Dojolan Raya 20, Bogor, Indonesia, (10) Librarian Societas Zoological Botonica Fonnica "Vemamo", Finland, (11) Editor, Fisheries Research Board of Canada, Nanaimo, (12) Atlantic Biological Station, St. Andrews, New Brunswick, Canada and (13) Director of Library, National Library of Natural History, Orszagos, Budapest.

The following 11 institutions have been removed from the Exchange list :—(1) Editor, Museum, UNESCO, Paris, (2) Secretary, Museo Nacion le De Historia Natural, Buenos Aires, (3) Director, Department of Zoological Museum, Copenhagen, (4) Director, Magyrkir, Madartani Intezetm, Royal Hungarian Institute of Ornithology Budapest, (5) Department of Zoology, University of Lucknow, (6) Editor, Indian Journal of Medical Research Institute, Kasauli, (7) Directorate, Laboratorio di Zoologia, Generale Agraria del R. Institute Superiore Agraria in Portici, Italy, (8) Director, Taiwan Agricultural Research Institre, Taiwan, (9) Assistant Librarian and Editor of Publications, Academy of Natural Science of Philadelphia, Philadelphia, (10) General Secretary, Public Library, Museum and Art Gallery of Western Australia Perth and (11) Editor, Lingnan Science Journal, Lingnan University, Canton.

CONNEMARA PUBLIC LIBRARY,
MADRAS.

K. GOVINDA MENON,
Librarian

APPENDICES RELATING TO GOVERNMENT MUSEUM, MADRAS.

APPENDIX I.

COMPLETE LIST FOR THE YEAR 1951-52 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>						
518	836	Tiruchirappalli district, Udayarpalyam taluk, Zamin Ariyalur village—One Madras five-rupee coin and one Madras old star pagoda	Gold.	45	..	2
<i>B. Not acquired.</i>						
512		Salem district, Dharmapuri taluk, Easalpoti, hamlet of Manidahalli village—Gold coins—Value Rs. 70	Gold.	22	..	21
513		Tanjore district, Pattukkottai taluk, Maharajasamudram village—Fanams—Value Rs. 4-8-0.	Gold.	..	..	3
515		Kurnool district, Banganapalle sub-taluk, Nandinargam village—Pieces with idol impressions	Gold.	59	..	..
517		Malabar district, Eranad taluk, Chathanagottupuram village—Old type coins—Value—Rs. 100	Gold.	60	..	..
518		Tiruchirappalli district, Udayarpalayam taluk, Zamin Ariyalur village—Rupree coins	Silver.	45	..	..
519		Salem district, Omalur taluk, Mettur sub-taluk, Alamaruthupatti village	Gold.	39	..	..
521		Chingleput district, Madurantakam taluk, Valarpirai village—Fanams—Value—Rs. 28-14-6	Gold.	11	..	..

Treasure-trove number.	Particulars.	Metal.	Number found.	Number recovered.	Number acquired.
522	Tanjore district, Kumbakonam taluk, Tiruvimarudur village—Inferior coins—Value—Rs. 100	Gold.	39	..	..
523	South Arcot district, Chidambaram taluk, C. Kothingudi village—Found while excavating near Engineering College, Annamalai University—Chola Raja Raja coins	Copper.	3,004	..	..
524	Tiruchirappalli district, Musiri taluk, Peramangalam village—Rupee coins	Silver.	101	..	..
525	Chittoor district, Venkatagiri sub-taluk, Nelli-tippa; hamlet of Maduramdoddi village—One Rupee coins and piece of gold	Silver.	406	..	..

APPENDIX II.

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

Treasure-trove number.	Accession number.	Particulars.
A. Acquired by the Museum.		
Archæology.		
516	178/51	Palaiyur, Mayuram taluk, Tanjore district. Bronze. Height 2' 10"; breadth 8½". Parvati standing on the usual <i>asanas</i> in the usual posture. <i>Padmasaras</i> and <i>sirascakra</i> are present.
516	179/51	From the same place. Bronze. Height 1' 1"; breadth 1' 3". Balasubrahmanya dancing on the usual <i>asanas</i> . <i>Sirascakra</i> is present.
516	180/51	From the same place. Bronze. Height 17"; breadth 6½". Manikkavachaka in the usual style.
516	181/51	From the same place. Bronze. Height 9". Sulam, handle of a bell.
517	182/51	From the same place. Length 8". Conch, worn out.
	189/51	Kallimodu, Tirutturaippundi taluk, Tanjore district. Bronze. Height 2' 1"; breadth 7½". Goddess standing on <i>padmasana</i> in the <i>tribhanga</i> pose. Her right hand is in <i>kataka</i> and the left in <i>lala</i> poses. <i>Sirascakra</i> is present.
Anthropology.		
Nil.		

B. Not acquired.

Treasure-trove number.	Particulars.	Metal.	Number found.	Number recovered.
520	Madras, Mount Road, Government House Estate, Band quarters— (1) Vishnu as Srinivasa (2) Dipalakshmi (3) Mask of the face of a Goddess.	Copper alloy.	3	3
526	South Arcot district, Villupuram taluk, Salapalayam, Panankupam village— Idol of Amman, 2 feet in height.	Brass	1	1
Anthropology.				
514	Kurnool district, Cumbum taluk, Kanapalli village.	Gold and brass	2	1

APPENDIX III.

OTHER NOTABLE ADDITIONS TO THE COLLECTION.

Accession number.	Particulars.
Archæology.	
262/51	Tray in Bidri style. Length 7½"; breadth 6". Purchased.
263/51	Copper tumbler probably used on ceremonial occasions. Height 4"; diameter 3½". Purchased.
264/51	Sapana slab with the conventional simha figure. This is the counterpart of Tamilian <i>Surulyali</i> ; from Tirunavay, South Malabar. Presented by Sri Sankunni Varier, Vakil, Tirur, South Malabar.
265/51	Painting showing the landscape at Panamalai, South Arcot district. Length 14½"; breadth 9½". Purchased.
266/51	Oil painting showing Venugopala. Length 5' 10½"; breadth 3' 9". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
267/51	Pedestal of wood with painting on it. This is the support for the painting of item No. 266/51. Length 5' 10½"; breadth 2' 4½"; height 13½". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
268/51	Oil painting showing Mahishasuramardini. Length 4' 1½"; breadth 2' 5½". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
269/51	Painting in tempera on three wooden planks, each having three panels showing the <i>navagrahas</i> . Each plank is 3½" long and 1" broad. Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
270/51	Tempera painting showing Subrahmanya on peacock with his consorts. Length 14½"; breadth 12½". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
271/51	Tempera painting showing an elephant. Length 22½"; breadth 16½". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
272/51	Tempera painting showing a horse. Length 21"; breadth 19". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
273/51	Painting on glass showing Yasoda and Krishna and Gopis. This is broken. Length 16½"; breadth 15". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
274/51	Oil painting showing the figure of Bomma Raja, an ancestor of the Raja Sahab of Karvetnagar, the donor. Length 2' 11½"; breadth 2' 5". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
275/51	Wet photograph of the Raja of the above item. Length 15½"; breadth 11½". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
276/51	Tempera painting showing a chief of the Boppa Raja family of Karvetnagar. Length 21½"; breadth 14". Presented by Sri Kumaraswami Raja Bahadur, Raja of Karvetnagar.
277/51 to 346/51	Wood carvings belonging to a temple car. Presented by the Trustee of the Karungalasvara temple, Koyambedu, Chingleput district.
347/51	Hookah in Bidri style. Height 9½"; diameter 5". Purchased.
348/51	Tempera painting showing Maduraiviran on horse back. Length 18½"; breadth 16". Purchased.
349/51	Painting in water colour showing a farmer and his family. Length 2' 4½"; breadth 19½". Purchased.
350/51 to 357/51	Prints of Mughal paintings. Purchased.
358/51	Stone image of Buddha. Sent by the Collector of Ramanathapuram district.
359/51	Painting in water colour entitled "Bamboo Grove". Length 35"; breadth 16½". Purchased.
360/51	Painting in water colour entitled "Wild Ducks". Length 35"; breadth 16½". Purchased.
361/51	Painting showing Raja, Rani and Prince of Tanjore. Tanjore style. Length 3' 5"; breadth 2' 6". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
362/51	Painting showing a chief on horse back. Tanjore style. Length 19"; breadth 15½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
363/51	Painting showing Raja, Rani and Prince of Tanjore. Tanjore style. Length 19"; breadth 15½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.

Accession number.	Particulars.
<i>Archaeology—cont.</i>	
369/51	"Mughal Chief". Painting in Mughal style. Length 11"; breadth 8½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
370/51	"Lady playing on a musical instrument". Painting in Mughal style. Length 12"; breadth 8½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
371/51	"Humayun". Painting in Mughal style. Length 9½"; breadth 6½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
372/51	"Afsal Khan Bahadur". Painting in Mughal style. Length 13½"; breadth 9½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
373/51	"Krishna and Gopis". Painting in Rajput style. Length 12"; breadth 9½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
374/51	Palampore with figures of tiger and with floral patterns, consisting of two pieces stitched. Length 7½"; breadth 5' 8". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
375/51	Printed shawl. Length 5'; breadth 4½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
376/51	Printed cloth showing the design of a door-way and floral designs. Length 4' 4"; breadth 2' 10". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
377/51	Similar to item No. 376/51. Length 4' 1"; breadth 2' 11". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
378/51	Printed cloth showing figures of hamsa and elephants. Length 2' 11"; breadth 2' 9". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
379/51	Printed cloth with floral designs. Length 2' 5½"; breadth 18". Transferred from the Schools of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
380/51	Piece of cloth showing figures of human being and of tiger, etc. Length 4' 2"; breadth 1' ½". Transferred from the School of Arts and Crafts as per G.O. Ms. No. 4287, Development, dated 26th September 1951.
382/51	Table lamp made of ivory by scooping out a short length of an elephant tusk. This is in three pieces. Presented by K. V. AL. RM. Alagappa Chettiar.
383/51	"Baba Khaddar Vali" plaster. Presented by the Maharaja of Jeypore (Orissa).
384/51	Mahatma Gandhi in plaster. Presented by the Maharaja of Jeypore (Orissa).
386/51 to 394/51	Paintings of different subjects. Presented by the Maharaja of Jeypore (Orissa).
395/51 to 399/51	Drawings. Presented by the Maharaja of Jeypore (Orissa).
400/51	"Gandhi and Kasturbai" in cement. Presented by the Maharaja of Jeypore (Orissa).
401/51	"Fatigue" in cement. Presented by the Maharaja of Jeypore (Orissa).
402/51	Venugopala in ivory. Presented by the Maharaja of Jeypore (Orissa).
403/51 to 407/51	Paintings. Presented by Sri P. C. Veerarayan Raja, Kozhikode.
408/51	"Mahavishnu on Adishesha". Painting in water colour by Doraiswamy Achar. Presented by the artist's son, Mr. D. Chandrasekharan.
409/51 to 411/51	Lacquer works. Presented by Janab Mir Gulam Ali, Nawab of Bangaru palle.
412/51	Figure of a woman in wood. Presented by Sri Madi Reddi Veeraswar Naidu, Zamindar of Neelipudi, Masulipatnam.
413/51	Plaster cast of Sankaracharya figure in the Siva temple at Tiruvorriy. Purchased.

Accession number.	Particulars.
<i>Archaeology—cont.</i>	
4/51 to 25/51	Prints of paintings of European masters. Presented by the British Council, Madras, through the kind offices of Mr. S. C. G. Bach, the Regional Representative.
16/52	Tempera painting showing Sankaracharya of the Pushpagiri Mutt. Length 4"; breadth 2½". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
17/52	Tempera painting showing Sankaracharya performing puja. Length 4"; breadth 3". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
18/52	Tempera painting showing a member of Karvetnagar Royal family holding Durbar. Length 2' 4"; breadth 2'. Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
29/52	Tempera painting showing a chief of Karvetnagar holding a Durbar. This is in the shape of an almirah with two doors. Length 3' 2"; breadth 2' 5". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
30/52	Tempera painting showing the Durbar of a chief of Karvetnagar. This is also in the shape of an almirah. Length 2' 10"; breadth 1' 9". Presented by Sri Kumaraswamy Raja Bahadur, Raja of Karvetnagar.
31/52	Silver flower basket with filigree work and with a piece of silver sheet containing an inscription. Diameter 5½". Weight 16 tolas. Presented by Sri Jagadguru Sankaracharya of Sri Kanchi Kamakoti Pitham.
132/52	Chinese jar broken and cemented with eight faces and with panels of landscapes and floral designs in blue, black, etc., on its body. Height with pedestal, 16"; diameter 7". Presented by Mrs. P. J. Hinton, No. 29, Pantheon Road, Madras-8.
176/51	Copper. Height 5½"; breadth 2½". Goddess Rukmini standing on a circular pitha with hair arranged in <i>Kondai</i> fashion. Purchased.
177/51	Copper. Height 3"; breadth 1½". Ramanuja seated on a circular pitha with lotus petal designs on it. Purchased.
188/51	Bronze. Height 7½"; breadth 3½". Drummer in the <i>Nepal</i> style. Purchased.
140/51	A set of five copper plates strung on a ring with a metal attached to it. One inscription records the gift of land by King Venkatapatiraya I of the Vijayanagar empire and is dated 1608 A.D. Purchased.

Anthropology.

1/51 to 6/51-P	Microliths lunate. From the Maharaja Sayajirao University of Baroda by exchange.
7/51	Microliths blade. From the Maharaja Sayajirao University of Baroda by exchange.
8/51	Microliths blade. From the Maharaja Sayajirao University of Baroda by exchange.
9/51	Microliths triangle. From the Maharaja Sayajirao University of Baroda by exchange.
10/51	Microliths side scraper. From the Maharaja Sayajirao University of Baroda by exchange.
11/51	Microliths side scraper. From the Maharaja Sayajirao University of Baroda by exchange.
12/51	Microliths obliquely blunted point. From the Maharaja Sayajirao University of Baroda by exchange.
13/51	Microliths core scraper. From the Maharaja Sayajirao University of Baroda by exchange.
14/51	Microliths core scraper. From the Maharaja Sayajirao University of Baroda by exchange.
15/51	Microliths oblique scraper. From the Maharaja Sayajirao University of Baroda by exchange.
16/51 to 21/51	Microliths core. From the Maharaja Sayajirao University of Baroda by exchange.
22/51 to 30/51	Microliths flake. From the Maharaja Sayajirao University of Baroda by exchange.

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Accession number.	Particulars.
<i>Anthropology—cont.</i>	
31/51	Palaeolith from Mahi valley from the Maharajah Sayajirao University of Baroda by exchange.
32/51	Palaeolith from Sabarnati valley. From the Maharajah Sayajirao University of Baroda by exchange.
33/51	From the Maharajah Sayajirao University of Baroda by exchange.
34/51	Palaeolith cleaver. From the Maharajah Sayajirao University of Baroda by exchange.
35/51	Palaeolith discoid. From the Maharajah Sayajirao University of Baroda by exchange.
36/51	Palaeolith discoid. From the Maharajah Sayajirao University of Baroda by exchange.
37/51 to 43/51.	Potsherds. Rangpur, Indus valley type.
49/51	Piltown man. Restoration of the whole skull and mandible. Damon and Co., England. Purchased.
50/51	Piltown man restoration of endocranial cast.
51/51	Flint implements of Piltown man. Plaster cast of three palaeoliths and three coliths.
52/51	Mousterian man restored skull and mandible.
53/51	Mousterian man—endocranial cast.
54/51	Do. skull cap cast.
55/51	Do. endocranial cast.
56/51	Do. femur cast.
57/51	Do. two molars and one premolar cast.
58/51	Do. fragment of lower jaw cast.
59/51	Bust of young gorilla—plaster model.
60/51 to 63/51	Sherds of Arretin ware pottery. Arikamedu. Presented by Sri T. N. Sathurama Chettiar, Pondicherry.
1/51 E	Sword, 93" long, with silver handle. Presented by Sri K. T. Kunhikammaran Nambiar, M.L.A., Kudali Estate, Kudali.
2/51	A short dagger, 26" long, with silver handle. Presented by Sri K. T. Kunhikammaran Nambiar, M.L.A., Kudali Estate, Kudali.
3/51	A small old mirror with engraved wooden handle. Presented by Sri K. T. Kunhikammaran Nambiar, M.L.A., Kudali Estate, Kudali.
4/51	Two stamped palm leaves with effigy of Queen Victoria, 1864, used as stamp paper. Presented by Sri K. T. Kunhikammaran Nambiar, M.L.A., Kudali Estate, Kudali.
5/51	One printed Panchangam of 1855 in Malayalam. Presented by Sri K. T. Kunhikammaran Nambiar, M.L.A., Kudali Estate, Kudali.
6/51	A special iron vessel with hook. Presented by Sri K. T. Kunhikammaran Nambiar, M.L.A., Kudali Estate, Kudali.
7/51	A lead vessel. Presented by Sri K. T. Kunhikammaran Nambiar, M.L.A., Kudali Estate, Kudali.
8/51	Metal torch consisting of a long twisted iron rod with metal handle and cup. The cup is detached and separate and is intended for containing oil. Length 91 c.m., cup 14 x 7.5 c.m. Presented by Sri T. V. Ramunni Nair Manager, Kizhakke Kovilagam, Kottakkal.
9/51	Vessel for oil with a spout of brass 31 c.m. height including spout 14 c.m. diameter of container. Presented by Sri T. V. Ramunni Nair, Manager Kizhakke Kovilagam, Kottakkal.
17/51	Set of 36 Kondapalli and Tanjore toys, purchased from Sri K. Ramamurthy Artist, Madras.
1/52	Two wooden spindles used in cotton ginning. Presented by T. Gopalasami Nachiarapuram, Edavasal.
2/52	Model of lake village. Purchased from Educational Models, Derby, England.
3/52	Portrait of first ancestor of Nuzvid Zamindars, Meka Basavannan, Commandant in Orungal armies, 12th century. Presented by the Zamindar of Viyyur.

Accession number	Particulars.
<i>Anthropology—cont.</i>	
4/52 E	Portrait of 7th generation of Nuzvid Zamindars, Vijaya Appara Bahadur, 16th century. Presented by the Zamindar of Viyyur.
5/52	Portrait of 10th generation of Nuzvid Zamindars, Sanjeeva Appa Rao. 17th century. Presented by the Zamindar of Viyyur.
6/52	Portrait of 12th generation of Nuzvid Zamindars, Nar yana Appa Rao 18th century. Presented by the Zamindar of Viyyur.
7/52	Portrait of 14th generation of Nuzvid Zamindars, Venkata Narasimha Appa Rao, 18th century. Presented by the Zamindar of Viyyur.
8/52	Portrait of 15th generation of Nuzvid Zamindars, Sobhanadhi Appa Rao Narayana Appa Rao, Rangayya Appa Rao, Jagannadha Appa Rao Venkata Narasimha Appa Rao, Venkatadri Appa Rao, Simhadri Appa Rao, Venkataramayya Appa Rao, 19th century. Presented by the Zamindar of Viyyur.
9/52	Portrait of 16th generation of Nuzvid Zamindars, Raja Rangaya Appa Rao 19th century. Presented by the Zamindar of Viyyur.
10/52	Portrait of Sri Raja Maharaja Gundarayaningaru, Narasaraopeta Zamindar Presented by the Zamindar of Viyyur.
11/52	An elephant goad 31.5 c.m. long of steel and metal with inlaid floral designs. Presented by the Zamindar of Viyyur.
12/52	One set of old temple vahanams in miniature size. Lion vahanam in miniature.
13/52	Bull vahanam in miniature.
14/52	Horse vahanam in miniature.
15/52	Ravana vahanam in miniature.
16/52	Adikaranandi vahanam in miniature.
17/52	Sura (demon king) vahanam in miniature.
18/52	Vishnu with chakra—vahanam in miniature.
19/52	Nine headed serpent—vahanam in miniature.
20/52	Man animal vahanam in miniature.
21/52	Horse small figure, not a vahanam.
22/52	Horse do.
23/52	Elephant do.
24/52	Elephant do.
25/52	Tiger do.
26/52	Cement model of a Gadaba maid with the left arm broken. Presented by the Maharaja of Jeypore.

Botany.

63/52	Working model to demonstrate pollination in <i>Salvia</i> flower.
64/52	Model of a pitcher of <i>Sarracenia</i> .
65/52	Model of a pitcher of <i>Nepenthes</i> .
66/52	Model of a leaf of <i>Dionaea</i> .

Geology.

14/51	Lava from the Vesuvius.
15/51	Blue quartz from Africa.
19/51	Andradite—Hedenbergite hornfels, with yellow fluorescing scheelite.
20/51	Rich scheelite ore.
21/51	Wolfram.
24/51	Joselite.
41/51	Map of the world in the Devonian period.
42/51	Map of the world at the end of the Carboniferous period.
43/51	Map of the world at the end of the Triassic period.
44/51	Map of the world in the Jurassic period.
45/51	Map of the world in the Cretaceous period.
46/51	Map of the world in the early Quaternary period.
47/51	Map of the world at present.

Accession number.	Particulars.			
	Dynasty or class.	Metal.	Number.	How acquired.
<i>Numismatics.</i>				
834	Gupta	Gold (Electro-plated cast).	14	Purchased from Messrs. National Studio, Lucknow, for Rs. 70.
835	Delhi Sultans (Khilji dynasty)	Copper ..	2	Sent by Mr. J. P. L. Gwynn, West Godavari.

Accession number.	Particulars.	
	<i>Zoology.</i>	
1951/8	<i>Pitha brachyura</i> , the Pitha.	
1951/9	<i>Pinotada vulgaris</i> , one valve only of the pearl oyster.	
1951/10	<i>Testudo elegans</i> pearl oyster—Starred tortoise.	
1951/11	Photographs of Keddah operations.	
1951/12	<i>Otus scops rufipennis</i> , Scops owl.	
1951/13	<i>Anthia searguttata</i> , 28 specimens.	
1951/14	<i>Poecilocerus pictus</i> , 12 specimens.	
1951/15	<i>Odontopus sanguinolans</i> , 7 specimens.	
1951/16	<i>Ornithorhynchus anatinus</i> , Duckbilled Platypus.	
1951/17	<i>Bungarus caeruleus</i> , the common krait.	
1951/18	<i>Naja naja</i> , the cobra.	
1951/19	<i>Ptyas mucosus</i> , the rat snake.	
1951/20	<i>Chamaeleon zeylanicus</i> , the chameleon.	
1952/1	<i>Varanus monitor</i> , the monitor lizard.	
1952/2	<i>Eryx johni</i> , the Sandbou.	
1952/3	<i>Herpestes mungos</i> , the Indian mongoose.	

APPENDIX IV.

VISITORS, STAFF, ETC.

Visitors to the Museum—

	1950-51.	1951-52.
Total number of visitors	601,452	462,651
Total number on Sundays	144,177	107,863
Total number on Dvadasi day	11,187	15,379
Attendance on Kannupongal day	57,243	29,652

Staff.—During the period under report, Sri K. Subramanian, M.Sc., Curator, Chemical Conservation Section, was relieved of his duties on the forenoon of Thursday, the 19th April 1951, to take up his new appointment elsewhere. Sri T. V. Satyamurthi, M.C., was appointed as Curator, Chemical Conservation Section, in the place of Sri K. Subramanian. Sri S. T. Satyamurthi, Curator, Zoology Section, left the Museum on 22nd February 1952 and Sri C. J. Jayadev, Curator, Anthropology Section, is holding additional charge of the section.

Photographic work.—The photographer was engaged in taking prints for record and sale to the public. A sum of Rs. 383-10-6 was realized by sale of prints and enlargements as against Rs. 528-2-9 during the previous year. During the year under report 147 negatives and 639 bromide prints and enlargements were prepared.

Tours.—Under the orders of Government the Superintendent toured to Bangalore and Guruvayur and during the tour attended the conference on Hindu culture and religion. He then undertook tours to Karvetnagar, Ootacamund and Kozhikode to collect art objects for the National Art Gallery; to Secunderabad to attend the opening ceremony of Salar Jung Museum and to Jaipur for the annual meeting of the Museums' Association of India; to Pudukkottai to inspect the Government Museum, and to Delhi to attend the inaugural meeting of the National Art Fund.

Most of the Curators were not able to undertake their usual tours as they had pressing work at headquarters in connection with the Centenary Celebration. The Curator, Botany Section, toured to the fossil tree areas at Tiruvakkara in the South Arcot district. The Curator, Anthropology Section, toured to Calcutta to bring special exhibits on loan from the Indian Museum and Department of Anthropology, Calcutta, for the exhibition organized in connection with the Centenary Celebrations. The Curator, Archaeology Section, toured to Tanjore to bring the wood carvings presented by the Palace Devasthanam. He then visited Tiruvavur to study the paintings in the Siva temple there. He also toured to Calcutta to return the exhibits got from the Indian Museum and Asutosh Museum, Calcutta.

Museum Theatre.—The Museum Theatre was used for 137 performances exclusive of rehearsals as against 129 in the previous year. A sum of Rs. 4,777 was realized as rent as against Rs. 3,390 in the previous year. A sum of Rs. 212 has, in addition, been credited to Government as the half-share of the fees for the caretaker's overtime attendance.

APPENDIX V.

LIST OF PHOTO NEGATIVES PREPARED DURING 1951-52.

Negative number.	Size.	Subject.
<i>Anthropological Section.</i>		
E. XXII (7)	.. 1	.. Manikkinaru; well excavated at Codacal.
(8)	.. 1	.. Cave in Mr. Hopkins compound, Codacal, constructed by the Germans in 1910.
(9)	.. 1	.. Panchamukha Vadyam (Madras Museum).
(10)	.. 1	.. Model of Porthole dist (Brahmagiri) and Megalith, Mysore.
(11)	.. 1	.. Portrait of Dr. Edgar Thurston, Superintendent, Government Museum, 1877-1908.
(12)	.. 1	.. Portrait of Dr. G. Bidie, Superintendent, Government Museum, 1872-1885.
(13)	.. 1	.. Portrait of Dr. G. Bidie, Superintendent, Government Museum, 1872-1885.
(14)	.. 1	.. Portrait of Dr. J. R. Henderson, Superintendent, Government Museum, 1908-1919.
(15)	.. 1	.. Portrait of Dr. F. H. Gravely, Superintendent, Government Museum, 1920-1940.
E. F. III (1)	.. 2 1/2 x 2 1/2	.. Manikkinaru: well excavated at Codacal.
(2)	.. 2 1/2 x 2 1/2	.. Arms and Weapons (Madras Museum).
(3)	.. 2 1/2 x 2 1/2	.. Do. do.
(4)	.. 2 1/2 x 2 1/2	.. Do. do.
(5)	.. 2 1/2 x 2 1/2	.. Kathakali figures (four figures) (with barricade).
(6)	.. 2 1/2 x 2 1/2	.. Do. do. (without barricade).
(7)	.. 2 1/2 x 2 1/2	.. Do. (Stri and Thadi) do.
(8)	.. 2 1/2 x 2 1/2	.. Do. (Stri and Thadi) do.
<i>Archaeological Section.</i>		
A. XXV (46)	.. 1	.. Navamukundan temple, west entrance, Tirunavay, South Malabar.
(47)	.. 1	.. Navamukundan temple, east inside entrance, Tirunavay, South Malabar.
(48)	.. 1	.. A side stone of central shrine. Tirunavay, South Malabar.
(49)	.. 1	.. Siva temple, west main entrance, Triprangode, South Malabar.
(50)	.. 1	.. Siva temple from south entrance, Triprangode, South Malabar.
A. XXVI (1)	.. 1	.. Siva temple from south-west entrance, Triprangode, South Malabar.
(2)	.. 1	.. Siva temple from north-west entrance, Triprangode, South Malabar.

Negative number.	Size.	Subject.
<i>Archaeological Section—cont.</i>		
A. XXVI (3)	.. 1	.. Siva temple tank, Triprangode, South Malabar.
(4)	.. 1	.. Siva temple, Kalarimurti, Triprangode, South Malabar.
(5)	.. 1	.. Siva temple, Vinayaka, Triprangode, South Malabar.
(6)	.. 1	.. Siva temple, Parvati, Triprangode, South Malabar.
(7)	.. 1	.. Varaha temple, Panniyur, South Malabar.
(8)	.. 1	.. Lakshminarayana temple, Panniyur, South Malabar.
(9)	.. 1	.. Vishnu in the above temple, Panniyur, South Malabar.
(10)	.. 1	.. Venugopala temple, Panniyur, South Malabar.
(11)	.. 1	.. Surulyali in Siva temple, Panniyur, South Malabar.
(12)	.. 1	.. Manager's bungalow, Codacal, South Malabar.
(13)	.. 1	.. Cave shrine in the bungalow compound, Codacal, South Malabar.
(14)	.. 1	.. Temple site within the Tile Factory, Codacal South Malabar.
(15)	.. 1	.. Two stone slabs and the broken linga (stone), Codacal, South Malabar.
(16)	.. 1	.. Two stone slabs and the broken linga (stone), another view, South Malabar.
(17)	.. 1	.. Sankuntala, painting by Ravi Varma.
(18)	.. 1	.. Surgeon-general Balfour, painting.
(19)	.. 1	.. Museum Theatre, poster.
(20)	.. 1	.. Manikkavachaka, bronze from Mariyar, Tanjore district.
(21)	.. 1	.. Three bronzes, viz. Balakrishna, Vishnu and Kali.
(22)	.. 1	.. Natesa, bronze, Vellalagaram, Mayuram taluk, Tanjore district.
(23)	.. 1	.. Images in stone and bronze from Treasure-Trove, Manevalkottai, Mannargudi taluk, Tanjore district.
(24)	.. 1	.. Sankara temple, Kaladi.
(25)	.. 1	.. Sri Krishna temple, Kaladi.
(26)	.. 1	.. Cremation ground of Sankara's mother, Kaladi.
(27)	.. 1	.. Vidyaranya in procession from a wall painting, Hampi.
(28)	.. 1	.. National Art Gallery building.
(29)	.. 1	.. Museum Theatre.
(30)	.. 1	.. "Jew" by Ravi Varma, painting.
(31)	.. 1	.. Amaravati gallery.
(32)	.. 1	.. Sankara exhibits.
(33)	.. 1	.. Sthapati, Panchakshara Achari of Karvetnagar.
(34)	.. 1	.. Do. with the material for carving.
(35)	.. 1	.. Do. with the wax ready to be worked.
(36)	.. 1	.. Do. with his assistant at moulding.
(37)	.. 1	.. Do. with his assistant completing the moulds.
(38)	.. 1	.. Do. and his four assistants all at work.
(39)	.. 1	.. Do. and his five assistants all at work.
(40)	.. 1	.. Do. with his assistant pouring the molten metal.
(41)	.. 1	.. The implements, oven and the man at the bellows.
(42)	.. 1	.. Carvings in different stages of preparation.
A. VI (26)	.. 1	.. Cave shrine within bungalow compound, Codacal, South Malabar.
(27)	.. 1	.. Brahma temple, Tavanur (near Tirunavay), South Malabar.
(28)	.. 1	.. Siva temple, do. do.
(29)	.. 1	.. Kalarimurti in Siva temple, Tiruprangode, South Malabar.
(30)	.. 1	.. Panel of painting on the northernmost shrine.
(31)	.. 1	.. Do. do.

Negative number.	Size.	Subject.
<i>Archaeological Section—cont.</i>		
A. VI (32)	.. 1	.. Balipitha in the Mukunda temple, Tirunavay, South Malabar.
(33)	.. 1	.. Subrahmanya (stone).
(34)	.. 1	.. Vishnu (stone).
(35)	.. 1	.. Bhairava (stone).
(36)	.. 1	.. Painting, portrait of a Tanjore Rajah.
(37)	.. 1	.. Painting, portrait of minister of Tanjore Rajah.
(38)	.. 1	.. Painting, portrait of an official of Tanjore Rajah.
(39)	.. 1	.. Painting, portrait of an old man of Tanjore.
(40)	.. 1	.. Subrahmanya (stone).
A. F (140)	.. 1	.. Parvati bronze Treasure-Trove from Salayapalayam, Villuparam taluk.
(160)	.. 1	.. Marukal Natesa.
(161)	.. 1	.. Museum view.
(162)	.. 1	.. New Extension from above.
(163)	.. 1	.. New Extension entrance.
(164)	.. 1	.. Oriental Manuscripts Library, a view.
(165)	.. 1	.. Metalware gallery.
(166)	.. 1	.. Saptamatikas in the Hindu sculpture gallery.
(167)	.. 1	.. Mahavira from Deviagaram, South Arcot district.
(168)	.. 1	.. Buddha from Kanchi.
(169)	.. 1	.. Amaravati gallery.
(170)	.. 1	.. Amaravati gallery, another view.
(171)	.. 1	.. Amaravati gallery, another view.
(172)	.. 1	.. Ceiling slab with caitya, Amaravati.
(173)	.. 1	.. Elephant group, Mahabalipuram.
(138)	.. 2-3/8" x 2-3/8"	.. Temple site before excavation, Codacal, South Malabar.
(139)	.. Do.	.. Four bronze figures, Treasure-Trove from Tirumayam Tiruchirappalli district.
(141)	.. Do.	.. Bull (stone), Kodumbalur, Pudukkottai.
(142)	.. Do.	.. Siva (stone) in a niche, Pudukkottai.
(143)	.. Do.	.. Lion pillar (stone), Pudukkottai.
(144)	.. Do.	.. Ajanta caves, general view, Ajanta.
(145)	.. Do.	.. Fort near Hyderabad.
(146)	.. Do.	.. Caves at Ajanta, close view, Ajanta.
(147)	.. Do.	.. Arches, etc., on the walls of caves, Ajanta.
(148)	.. Do.	.. Buddhist figures, in a cave, Ajanta.
(149)	.. Do.	.. Stone elephant near the monolithic small shrine, Ellora.
(150)	.. Do.	.. Monolithic small shrine, Ellora.
(151)	.. Do.	.. Another view of above, Ellora.
(152)	.. Do.	.. Yakshi in the verandah of a cave, Ellora.
(153)	.. Do.	.. Kalarimurti, on the wall of a cave, Ellora.
(154)	.. Do.	.. Parsvanatha, on the wall of a cave, Ellora.
(155)	.. Do.	.. Ravana shaking Kailasa, in a cave, Ellora.
(156)	.. Do.	.. Lingodbhava in a cave, Ellora.
(157)	.. Do.	.. Kailasanatha temple, Ellora.
(158)	.. Do.	.. Vimana with Kalarimurti of a temple, Pudukkottai.
<i>Botany Section.</i>		
XI (20)	.. 1	.. Abnormal inflorescence of <i>Moringa oleifera</i> , Lamk, as seen from above (locality: Madras).
(21)	.. 1	.. Abnormal inflorescence of <i>Moringa oleifera</i> Lamk, as seen from below (locality: Madras).

ADMINISTRATION REPORT OF THE

Negative number.	Size.	Subject.
<i>Botany Section—cont.</i>		
B. XI (22)	.. 1	.. Moss on leaf-mould.
(23)	.. 1	.. Coconut palm, spirally grown (Locality : Madras).
(24)	.. 1	.. Sowing coffee seeds.
(25)	.. 1	.. Watering coffee seed-beds.
(26)	.. 1	.. Coffee seedlings.
(27)	.. 1	.. Cultivation of coffee under shade.
(28)	.. 1	.. Coffee plant, with berries.
(29)	.. 1	.. Ripe coffee berry and parchment.
(30)	.. 1	.. Coffee berry and beans.
(31)	.. 1	.. Parts of a typical flower.
<i>Geology Section.</i>		
G. I (30)	.. 1	.. Reconstructed model of Brontosaurus.
(31)	.. 1	.. Reconstructed model of Trachodon.
(32)	.. 1	.. Reconstructed model of Triceratops.
(33)	.. 1	.. Reconstructed model of Stegosaurus.
G. II (20)	.. 1	.. The best specimen of fossil wood at Tiruvakkarai.
(21)	.. 1	.. Fossil wood, half-buried and a little cracked at Tiruvakkarai.
(22)	.. 1	.. A group of fragments of fossil wood at Tiruvakkarai.
(23)	.. 1	.. A fossil wood of enormous size at Tiruvakkarai.
<i>Numismatic Section.</i>		
N. II 46 PM 5	.. 1	.. Punchmarked; Satamana.
N. II 47 Cho. 7	.. 1	.. Kulottunga Chola.
N. II 48 E. Cha. 5.	.. 1	.. Raja Raja; Eastern Chalukya.
N. II 49 DLS. 1	.. 1	.. Delhi Sultan—Alauddin Khilji.
N. II 50 Gu. 1	.. 1	.. Obverse of three Gold coins—Chandragupta I, Samudragupta and Chandragupta II.
N. II 51. Gu. 2	.. 1	.. Reverse of the above three coins.
<i>Zoology Section.</i>		
Z. VIII (19)	.. 1	.. Injecting a cobra with alcohol.
(20)	.. 1	.. Mounting insects.
(21)	.. 1	.. Hornbill.
(22)	.. 1	.. White-backed vulture.
(23)	.. 1	.. Kangaroo.
(24)	.. 1	.. Portrait of Mr. H. Chennappaiya, Curator, Zoological Section.
(25)	.. 1	.. Centenary special exhibition—Zoological Section.
(26)	.. 1	.. Do.
(27)	.. 1	.. Diaroma cases in Zoological Section.
Z. F (9)	.. 2 1/4" x 2 1/4"	.. Crocodiles.
(10)	.. Do.	.. Sharks.
(11)	.. Do.	.. Crocodiles (another view).
(12)	.. Do.	.. Sharks (another view).
(13)	.. Do.	.. Whale skeleton.
(14)	.. Do.	.. Whale skeleton (another view).

APPENDIX VI.

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<i>Natural History Section.</i>				
* Vol. I, No. 1, 1927.	The Littoral Fauna of Kruasalai Island in the Gulf of Manaar, with appendices on the vertebrates and plants. By various authors.	196	26	RS. A. P. 8 0 0
† Vol. I, No. 2, Part 1, 1930.	Supplement to the Littoral Fauna of Kruasalai Island in the Gulf of Manaar—Polycheta by P. Fauvel, Pycnogonida by B. Sundara Raj, and Alpheidae by F. H. Gravely.	73	1	2 0 0
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† Vol. I, No. 2, Part 3, 1936.	Scyphomedusae of Kruasalai Island. By M. G. K. Menon, M.A.	9	1	0 8 0
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* Vol. III, No. 1, 1930.	The Scyphomedusae of Madras and the neighbouring coast. By M. G. K. Menon, M.A., Research Scholar, Madras University Zoological Laboratory.	28	3	1 2 0
Vol. III, No. 2, 1932.	The Hydromedusae of Madras. By M. G. K. Menon, M.A.	32	3	1 2 0
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Vol. III, No. 5, 1937.	Decapod Larvae from the Madras Plankton. By M. Krishna Menon, M.A., M.Sc.	55	3	1 14 0
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Vol. IV, No. 1, 1931.	The Indian Species of Genus Caralluma (Fam. Asclepiadaceae). By F. H. Gravely, D.Sc., and P. V. Mayuranathan, B.A., Government Museum, Madras.	28	4	1 8 0
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† This number is reserved for supplements to Kruasalai Island Fauna.

Volume and number.	Description.	Number of pages.	Number of plates.
<i>Natural History Section—cont.</i>			
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† 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.	110	Nil.
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† Vol. I, No. 2, Pt-6.	Amphineura and Gastropoda of Krusadai Island. By Thomas Satyamurti, M.A.		
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Sale of coins and plaster cast of coins	140 4 0
Sale of photo-prints and copyright fees for reproduction	383 10 8
Sale of publications	1,040 5 9
Sales tax on publications	12 7 0
Rent for the use of the Museum Theatre	1,777 0 9
Overtime fee for the Theatre caretaker	212 0 0
Miscellaneous receipts	80 4 0
Total ..	6,645 15 3

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Pay of Officers—Voted— Superintendent, Government Museum and Associate Librarian, Connemara Public Library	9,700 0 0
Pay of Establishment	13,204 0 0
Other charges—Voted— Rates and Taxes	14,677 0 0
Travelling Allowances	4,073 0 0
Other Compensatory	9,847 0 0
Dearness Allowance	21,660 0 0
Pay of Menials	2,639 0 0
Furniture and Fittings	9,298 0 0
Apparatus and Materials	2,768 0 0
Cost of Specimens	1,931 0 0
Other Contingencies	19,667 0 0
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Total ..	1,78,008 0 0

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24 Tirunelveli ..	Sri P. K. Arunachala Gounder, Vidwan, Lecturer in Tamil, M.D.T. Hindu College. Janab A. K. Bijili Sahib Bahadur, M.A., LL.B., Advocate, Tirunelveli Junction. Sri A. P. C. Veerabhan, B.A., Tuticorin. Sri M. Chinnathambi Thevar, B.A., B.L., Vice President, District Board, Srivaikuntam. Sri M. V. Subramaniam, M.A., L.T., Professor in History, St. John's College, Palayamkottai.
25 Visakhapatnam ..	Sri O. Ramachandrayya, M.A., PH.D., Professor, Andhra University, Waltair. Sri V. S. Somayaji, M.A., Chief Lecturer and Head of Economics Department, Mrs. A.V.N. College, Visakhapatnam. Sri G. L. Jagannatha Rao, M.A., Tutor in English, M.R. College, Vizianagaram. Sri D. Narasinga Rao, B.A. (Hons.), Lecturer in Economics, M.R. College, Vizianagaram.
26 West Godavari ..	Sri P. L. Narayana Rao, B.A., B.L., Advocate, Eluru. Sri D. Narayana Raju, Correspondent, Bhimavaram College, Bhimavaram. Dr. Y. Suryanarayana, L.M.P., Tanuku. Ch. L. R. Ramana Rao, B.A., B.L., Advocate, Kovvur. Sri V. Subba Rao, M.A., Principal, Narasapur College, Narasapur.

APPENDICES RELATING TO THE GOVERNMENT MUSEUM, PUDUKKOTTAI.

APPENDIX I.

STATEMENT SHOWING THE NUMBER OF VISITORS TO THE MUSEUM DURING THE YEAR 1951-52.

Months.	Literate.		Illiterate.		Puduch ladies.	Students and teachers.			Grand total.
	Males.	Females.	Males.	Females.		Teachers.	Boys.	Girls.	
1951									
April ..	1,180	310	3,475	3,671	71	..	..	..	3,636
May ..	1,299	372	4,025	4,293	82	..	..	..	9,989
June ..	1,382	464	3,973	4,192	84	..	..	..	10,011
July ..	1,543	450	3,754	3,998	86	10	163	38	9,745 (a)
August ..	1,490	436	3,770	3,973	70	6	120	..	9,719 (b)
September ..	1,404	432	3,512	3,760	102	11	132	20	9,108 (c)
October ..	1,323	524	3,298	3,472	68	15	211	..	8,622 (d)
November ..	1,736	749	3,970	4,235	102	17	169	49	10,000 (e)
December ..	1,473	771	3,515	3,708	74	13	60	57	9,467 (f)
1952									
January ..	1,225	629	3,063	3,267	..	..	..	..	8,184
February ..	1,479	725	3,404	3,629	70	12	123	..	9,237 (g)
March ..	1,921	1,301	4,163	4,515	38	25	289	68	11,900 (h)
	17,460	7,213	43,922	46,713	897	109	1,222	232	115,306

REMARKS.

- (a) Excursion from Chittal Achi Memorial High School, Kandanur (Ramanathapuram district); Sarada Secondary School, Pudukkottai.
- (b) C.S.M. High School, Pudukkottai; Sri Subramania Ayyar's Secondary School, Pudukkottai; C.S.M. High School, Pudukkottai; Municipal High School, Karaikudi.
- (c) The Nehru High School, Tiruchirappalli district; Kulapathi Baliah School, Pudukkottai; Elementary School, Sandapettai; Board High School, Arantangi.

- (d) Sri Thandayuthapuram Middle School, Kandamanickam; Board Middle School, Annavasal; C.S.M. High School, Pudukkottai; S.S.M. High School, Pudukkottai; N.M. Board High School, Tirupathur (Ramanathapuram); Jayalakshmi Vilas Higher Elementary School, Mannargudi; C.S.M. High School, Pudukkottai.
- (e) M.E.S., Tirugokarnam, Pudukkottai; Findlay High School, Mannargudi; De Britto High School, Devakottai; C.S.M. High School, Pudukkottai; Raja's High School, Sivaganga; Dr. A.C. Training School, Karaikudi.
- (f) M.H.E. School, Kallupatti, Karaikudi; Board High School, Arimalam; District Board High School, Alangudi; R.C. St. Mary's Higher Elementary School, Tiruchirappalli; S. Rm. High School, Nattarasankottai.
- (g) A.C. High School, Pallatur; National College High School, Tiruchirappalli.
- (h) Viscountess Goechen Secondary and Training School, Tiruchirappalli; C.S.M. Higher Elementary School, Tiruchirappalli; Board High School, Vallam (Tanjore district); Board Elementary School, Munasandai; Sri rahadambal High School, Pudukkottai; Bishop Heber High School, Tiruchirappalli; V.V. High School, Annamaravathi, Pudukkottai; R.C. High School, Venkatakulam.

APPENDIX II.

TOTAL NUMBER OF WORKING DAYS DURING THE YEAR 1951-52.

	Days.		Days.
1951—		1951—cont.	
April ..	22	December ..	22
May ..	26	1952—	
June ..	25	January ..	19
July ..	24	February ..	23
August ..	23	March ..	24
September ..	22		
October ..	20	Total ..	275
November ..	25		

APPENDIX III.

LIST OF EDUCATIONAL INSTITUTIONS WHICH VISITED THE MUSEUM IN 1951-52.

- Chittal Achi Memorial High School, Kandanur (Ramanathapuram district).
- Sarada Secondary School, Pudukkottai.
- C.S.M. High School, Pudukkottai.
- Sri Subramania Ayyar's Secondary School, Pudukkottai.
- Municipal High School, Karaikudi.
- The Nehru High School, Tiruchirappalli district.
- Kulapathi Baliah School, Pudukkottai.
- Elementary School, Sandapettai.
- Board High School, Arantangi.
- Sri Thandayuthapuram Middle School, Kandamanickam.
- Board Middle School, Annavasal.
- N.M. Board High School, Tirupathur (Ramanathapuram district).
- Jayalakshmi Vilas Higher Elementary School, Mannargudi.
- M.E.S., Tirugokarnam, Pudukkottai.
- Findlay High School, Mannargudi.
- De Britto High School, Devakottai.
- Raja's High School, Sivaganga.
- Dr. A.C. Training College, Karaikudi.
- M.H.E. School, Kallupatti, Karaikudi.
- Board High School, Arimalam.
- District Board High School, Alangudi.
- R.C. St. Mary's Higher Elementary School, Tiruchirappalli.
- S. Rm. High School, Nattarasankottai.
- A.C. High School, Pallatur.
- National College High School, Tiruchirappalli.
- Viscountess Goechen Secondary and Training School, Tiruchirappalli.

- 27 C.S.M. Higher Elementary School, Tiruchirappalli.
- 28 Board High School, Vallam.
- 29 Board Elementary School, Munasandai.
- 30 Sri Brahadambal High School, Pudukkottai.
- 31 Bishop Heber High School, Tiruchirappalli.
- 32 V.V. High School, Ponnamaravathi, Pudukkottai.
- 33 R.C.H. School, Venkatakulam.

APPENDIX IV.

DISTINGUISHED VISITORS.

- 1 Hon'ble Sri H. Sitarama Reddi, Minister for Revenue and Labour, visited the museum on 19th May 1951, accompanied by the Collector of Tiruchirappalli and the Sub-Collector of Pudukkottai and the Deputy Superintendent of Police.
- 2 Sri Vasudevan, Lieutenant, Coimbatore, visited the museum on 21st May 1951.
- 3 Mr. M. Sirajudin, District Superintendent of Police, Tiruchirappalli, visited the museum on 25th May 1951.
- 4 Sri M. A. Kuttalalingam Pillai, Director of Civil Supplies, Madras, accompanied by Mr. Charles S. John, B.A., Collector of Tiruchirappalli, visited the museum on 13th June 1951.
- 5 Mr. S. Dhanapal, Instructor in Government School of Arts and Crafts, Madras, on 22nd June 1951.
- 6 Hon'ble Sri P. S. Kumaraswamy Raja, Chief Minister, Madras, visited the museum on 29th June 1951.
- 7 Hon'ble Mr. J. L. P. Roche Victoria, Minister for Food and Fisheries to the Government of Madras, visited the museum on 30th July 1951.
- 8 Sri T. Rangarajan, District Supply Officer, Tiruchirappalli, visited the museum on 4th September 1951.
- 9 The Yuvaraj of Sandur, visited the museum on 21st September 1951.
- 10 Rajakumar Vijaya Raghunatha Tondaiman of Pudukkottai, on 21st September 1951.
- 11 The Revenue Divisional Officer, Pudukkottai, on 26th September 1951.
- 12 George Champion, Koilpatti, on 2nd October 1951.
- 13 The Deputy Director of Survey and Land Records, visited the museum on 13th October 1951.
- 14 H. Periyannayagam, Secretary, Y.W.C.A., Tiruchirappalli.
- 15 The Authorized Official, Income-tax Investigation Commission, Coimbatore, visited the museum on 21st November 1951.
- 16 Mr. Charles S. John, Collector of Tiruchirappalli, visited the museum on 7th December 1951.
- 17 Sri K. R. Srinivasan, M.A. Superintendent, Department of Archaeology, Southern Circle, Madras, visited the museum on 8th January 1952.
- 18 Mr. K. Ramalingam, Inspecting Officer of the Madras Electrical Department, visited the museum on 1st February 1952.
- 19 The District Magistrate, Ramanathapuram, on 7th March 1952.
- 20 Dr. A. Aiyappan, Superintendent, Government Museum, Madras, on 8th March 1952.
- 21 Mr. Douglas Barrett of the British Museum, London, on 11th March 1952.
- 22 The Deputy Director of Public Instruction (Elementary Education) on 18th March 1952.

APPENDIX V.

SPECIMENS ADDED TO THE MUSEUM DURING THE YEAR 1951-52.

Serial number and name of specimen.	Number.	Remarks.
1 Indian Pangolin or Scaly Ant-eater (<i>Manis or asiaticudata</i>).	1	Presented by the Southern Roadways, Pudukkottai.

APPENDIX VI.

BOOKS ADDED TO THE LIBRARY.

Serial number and title.	Author.
<i>Books presented.</i>	
1 Journal of the Indian Museums, Vol. VII	..
2 Sri Venkateswara Oriental Institute, Vol. XI—No. 2 ..	..
3 Do. Vol. XII—No. 1 ..	..
4 Annals of the Bhandarkar Oriental Institute, Vol. XXXI ..	..
5 Tirumalai-Tirupati Devasthanam—Monthly Bulletin—	
Vol. II, No. 4 ..	..
6 Do. Vol. II, No. 5 ..	..
7 Do. Vol. II, No. 7 ..	..
8 Do. Vol. II, No. 8 ..	..
9 Do. Vol. II, No. 10 ..	..
10 Do. Vol. II, No. 11 ..	..
11 Do. Vol. II, No. 12 ..	..
12 Do. Vol. III, No. 1 ..	..
13 Do. Vol. III, No. 2 ..	..
14 Do. Vol. III, No. 3 ..	..
15 Prince of Wales Museum of Western India—Report for the year 1949-50	..
16 Travancore-Cochin Administration Report of the Museums, Zoos and Government Gardens	..
17 Audit Manual, first edition (Reprint)	..
18 The Madras Treasury Code, Vol. II, 1st edition (Reprint) ..	..
19 Madras Manual of Special Pay and Allowances, Vol. I, parts 1, 2, 3, 4 and 5	..
20 The Madras Financial Code, Vol. II, 1st edition (Reprint) ..	..
21 The Madras Pension Code	..
22 The Pudukkottai Portraits by Percy Maqueen, I.C.S. ..	..
<i>Books subscribed.</i>	
23 Bombay Natural History Society, Vol. 49, No. 4 ..	..
24 Do. do. Index and title page, Vol. 47, Nos. 3 and 4. ..	..
25 Do. do. do. Vol. 50, No. 1 ..	..
26 Do. do. Index and title page, Vol. 48, Nos. 1 and 2. ..	..
27 Do. do. do. Vol. 50, No. 2 ..	..
28 Do. do. Index and title page, Vol. 48, Nos. 3 and 4. ..	..
29 Marg Magazine, Vol. V, No. 1	..
30 Man in India, Vol. XXXI, No. 1	..
31 Do. Vol. XXXI, No. 2	..
32 Do. Vol. XXXI, Nos. 3 and 4	..
33 Do. Vol. XXXII, No. 1	..
34 Journal of the Numismatic Society of India, Vol. XII—Part II ..	..
Do. Vol. XIII—Part I. ..	..

ADMINISTRATION REPORT OF THE

APPENDIX VII.

LIST OF PHOTO NEGATIVES.

Number and name of the negative.	Remarks.
I. Museum collections.	
Bronzes.	
1 Siva Sukasanamurti	11th to 12th Century A.D.
2 Appar	Do.
3 Chandrasekarar	10th Century A.D.
4 Bronze relief of 24 Tirthankaras	Dug out of the local college site.
5 Adinathar	
6 Parsvanathar	
7 Mahavirar	
Jewels and ornaments.	
8 Tali	Valamangalam, 13 A.D.
9 Mahavirar sculptures	Narthamalai, 9-10 A.D.
10 Jyeshtha Devi	Do.
11 Vinadhara Dakshinamurti	
Pre-historic burials antiquities.	
12 Pyriform urn	Mottamalai.
13 Small urns	Do.
Others.	
14 A gypsy-man, woman and boy	

II. Ancient Monuments in Pudukkottai Division (State).

15 to 21 Muvarkovil under repair	Kodumbalur, 10 A.D.
22 Muvarkovil Southern Shrine, rear view	Do.
23 Do. Budavari	Do.
24 Loose sculptures	Do.
25 Muchucandesvaran	Kodumbalur, 9-10 A.D.
26 and 27 Lion pillars in Anjanaya temple	Do.
28 Vijayalaya Oholisvaran, front view	Narthamalai, 8-9 A.D.
29 Do. side view	Do.
30 Kadambarkovil	Narthamalai—Early Chola.
31 Kanwari (Saptamatika)	Do.
32 Two Tirthankaras in bas-relief	Ammachattram, 7 A.D.
33 to 35 Headless Tirthankara	Annavasal, 7 A.D.
36 and 37 Parsvanathar in bas-relief	Sittannavasal, 7-8 A.D.
38 An opened cist burial	Do.
39 Mahavira in bas-relief	Tenimalai, 7 A.D.
40 Chauri—bearers	Do.
41 and 42 Mahavira	Virakkudi.
43 Do.	Tekkattur.
44 Do.	
45 Do.	Puttambur.
46 Do.	Valavampatti.
47 Do.	Chettipatti.
48 to 52 Lion pillars	Do.
53 Mahavira	Tirupur.
4 and 55 Mahavira with chauri—bearers	Do.
1 Tirthankara with Pushkala	Mosakkudi, 13 A.D.
57 Parsvanatha with head and feet only	

GOVERNMENT MUSEUM, MADRAS, ETC.

LIST OF PHOTO NEGATIVES—cont.

Number and name of the negative.	Remarks.
<i>II. Ancient Monuments in Pudukkottai Division (State)—cont.</i>	
58 Brahmayakshi	Sembattur.
59 to 61 Lion pillars	Do.
62 Siva temple before repairs	Viralur—Early Chola.
63 Vishnu	Viralur—Pallava type.
64 Dakshinamurti	Viralur—Early Chola.
65 Subrahmanya	Do.
66 Chandesa	Do.
67 Jyeshtha Devi	Thiruvengaivasal—Early Chola
68 Dakshinamurti	Tiruvengaivasal.
69 to 71 Lion pillars	Tirukkattalai (Agatisvaran)—
72 and 73 Sculptures	Early Chola.
	Kudumiyamalai corridor.
74 Dancing Ganesa	Kudumiyamalai-Melakkovil
75 Ganapati	rock—Pallava type.
	Devaramalai.
76 Vinayakar	Kunnandar Kovil—Early Chola.
77 A devotee	Do.
78 Nataraja (bronze)	Mangadu—Early Chola.
79 and 80 Natarajas (bronze)	Periyur—Early Chola.
81 Do.	Tiruvankulam.
82 Shanmukha	Karaiyur-Ponnamaravathi
83 A branching palmyra	road, Pudukkottai Division.

III. Ancient Monuments, etc., outside Pudukkottai Division (State).

84 Rohalanugrahamurti	Gangaikondacholapuram.
85 Muktesvara temple	Kanchipuram—Pallava Raja
	Simha style.
	Do.
86 Matangesvara temple	Kanchipuram—Early 8th
87 Kailasanatha temple	century.
	Do.
88 Vaikuntha Perumal temple	Mahabalipuram.
89 and 90 Arjuna's Penance	Do.
91 Arjuna's Tapas	Do.
92 and 93 Seven Pagodas	Do.
94 A portion of the Seven Pagodas showing the lion	

APPENDIX VIII.

PRICE LIST OF THE PUBLICATIONS OF THE GOVERNMENT MUSEUM, PUDUKKOTTAI.

Archaeological publications of the Pudukkottai State (for sale in the State Press).

1. Inscriptions (text) of the Pudukkottai State (1929) containing the text of 1,130 inscriptions copied in the State with details of location, etc., printed in Tamil and Grantha (folio—pages 653—plate 1). Price Rs. 5.
2. Chronological list of inscriptions of the Pudukkottai State (1929), a companion volume to the above, giving details of location, dynasty, date and gist of inscriptions (folio—pages 152). Price Rs. 4.
3. Inscriptions in the Pudukkottai State—Translated into English, Part I—Early Pallava and Cola—1941 giving details of location, dynasty, king and date, revised up to date and free English translations of the first 150 inscriptions with critical footnotes (folio—pages 124). Price Rs. 2-8-0.

ADMINISTRATION REPORT OF THE GOVERNMENT
MUSEUM, MADRAS, ETC.

4. Inscriptions in the Pudukkottai State—Translated into English, Part II—Early Pandya and Cola (1946) giving details of location, dynasty, king and date, revised up to date and free English translations of the 120 inscriptions (151—270) with critical footnotes (folio—pages 121). Price Rs. 2-8-0.

5. Manual of the Pudukkottai State, Vol. II, Part I (1940), giving a general history of the territory occupied by the State from pre-historic to modern times and incorporating information found in the State inscriptions and other records (crown quarto—pages 423 and plates 13). Price Rs. 3.

6. Manual of the Pudukkottai State, Vol. II, Part II—Gazetteer of places in the State including those of archaeological and historical interest illustrated. Price Rs. 2-8-0.

APPENDIX IX.

STATEMENT SHOWING THE BUDGET GRANT AND THE ACTUAL EXPENDITURE ON THE
GOVERNMENT MUSEUM, PUDUKKOTTAI, FOR THE YEAR 1951-52.

36. a. Scientific Departments—A. Museums.

	Budget grant.		Actual expenditure.	
	RS.	A. P.	RS.	A. P.
36. a. Museums—A. Museums—				
2. Pay of Establishment	5,400	0 0	5,665	13 0
3. Allowances—				
Travelling allowance	400	0 0	32	0 0
Other compensatory allowances	200	0 0	393	1 0
Dearness allowance	2,800	0 0	2,776	14 0
4. Office contingencies—				
Rates and taxes			293	10 0*
Pay of menials	200	0 0	172	6 0
Furniture and fittings				
Other contingencies	1,500	0 0	488	15 3
Dearness allowance to menials	200	0 0	171	4 0
5. Other charges—				
Apparatus and materials				
Cost of specimen				
Other charges	500	0 0	488	0 0
	11,200	0 0	10,482	2 3

* Since provided in the Revised Estimate for 1951-52.



EDUCATION DEPARTMENT

G.O. No. 1413, 26th June 1952

Museum—Administration Report of the Government Museum, Madras, and the Government Museum, Pudukkottai, for the year 1951-52—Recorded.

READ—the following paper:—

From the Superintendent, Government Museum, Madras, dated 31st May 1952,
No. 1850/52-B1.

Order—No. 1413, Education, dated 26th June 1952.

Recorded.

2. The most outstanding event of the year under review was the inauguration by the Prime Minister of India of the Centenary Celebrations of the Government Museum, Madras, on the 27th November 1951. The special features of the Celebrations were the lectures delivered by learned persons on various subjects pertaining to the activities of the Museum and an exhibition of a special selection from out of collections in the Museum, and others obtained on loan. A Souvenir containing articles on the past activities and the future work of the Museum was brought out in commemoration of the event.

3. The Centenary Celebrations included the inauguration by the Prime Minister of the National Art Gallery in the Victoria Memorial Hall which has been taken over on lease by the Government from the management of the Victoria Technical Institute. The arrangements relating to the National Art Gallery were under the charge of a Special Committee which included Sri D. P. Roy Chowdhury, Principal, Government School of Arts and Crafts, and Dr. James H. Cousins. In view of the prevailing financial stringency, the Government did not consider it necessary to incur any large expenditure on the purchase of pictures, sculptures, etc., for the new Art Gallery, but decided to make a start by the exhibition, in the Gallery, of all the collections of acknowledged artistic merit already available in the Museum, a few collections from the Government School of Arts and Crafts, Madras, and pieces of art kindly donated by persons who were known to have art collections and to whom the then Governor made a special appeal for such donations.

4. It may be recalled that the Government sanctioned in the preceding year a scheme for the appointment of Honorary Correspondents for the Museum. The Government have now approved the appointment of five Honorary Correspondents for the Museum in each of the districts. Several of the Correspondents are already taking keen interest in the Museum. The association of the public with the affairs of the institution in this manner, will, it is hoped, greatly help in the development of the Museum and its many activities.

5. The Museum continued its educational work during the year under review. An intensive training in Museum Technique was given for a fortnight to two batches of teachers during 1951-52 and a similar training for three weeks is proposed to be conducted during the next year.

6. The year was noteworthy for the two exhibitions, viz., the exhibition of paintings by Miss Jaya Appaswamy sponsored by the South Indian Society of Painters, Madras, and the Shankar's Weekly International Child Art Exhibition opened by the Governor of Madras. The latter exhibition attracted a large gathering of children from the various schools in the City.

7. To advise the Government on important matters concerning the Museum and to intensify the educational activities of the Museum, a Committee with Secretary to Government, Education Department, as Chairman, the Director of Public Instruction, the Registrar, Madras University, and the Superintendent, Government Museum, as Members, has been constituted by Government in March last.

8. The Government wish to express their deep sense of gratitude to various donors who have made valuable gifts for exhibition in the Museum and the Art Gallery, in the year under review.

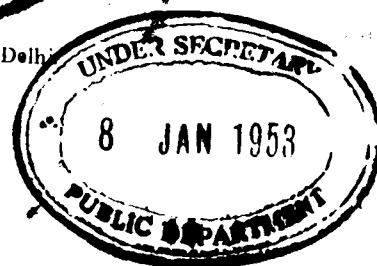
9. The Government Museum, Pudukkottai, is gaining in importance and popularity, as will be seen from the increase in the daily average attendance from 361 in 1951-52 to 419 in the year under review.

(By order of the Government)

K. M. UNNITHAN,
Secretary to Government.

To the Superintendent, Government Museum,
" Director of Public Instruction,
" Accountant-General,
" Director-General of Archaeology in India, New Delhi,
" Revenue Department,
" Development Department,
" Librarian, Madras Legislature Library,
" Secretariat Library.

Press.



NA 211, 6 1951

1952

Forwarded to the

(By order)

Rajagopalan
Superintendent.