



ADMINISTRATION REPORT

OF

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

AND

THE CONNEMARA PUBLIC LIBRARY
(EXCHANGE SECTION), MADRAS

FOR

1953-54

PRINTED BY THE SUPERINTENDENT
GOVERNMENT PRESS
MADRAS

1954

SOME OF THE MUSEUM'S SERVICES.

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

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

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

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

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

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

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

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

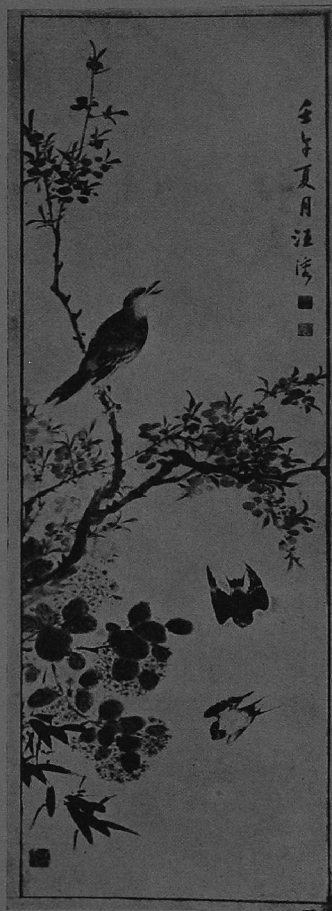
It offers for sale to the public, coins, picture post cards, photographs and publications relating to the collections contained in the Museum.

THE NATIONAL ART GALLERY (MADRAS).

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

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BIRDS AND TREES, BY WANG TAO
(CHINESE PAINTING IN
WATER COLOURS)
(Presented by Sri N. Raghavan, Ambassador
for India in China)

ADMINISTRATION REPORT OF THE GOVERNMENT MUSEUM, MADRAS, THE NATIONAL ART GALLERY, MADRAS, THE GOVERNMENT MUSEUM, PUDUKKOTTAI, AND THE CONNEMARA PUBLIC LIBRARY (EXCHANGE SECTION), MADRAS, FOR THE YEAR 1953-54.

I

GOVERNMENT MUSEUM, MADRAS.

GENERAL.

The Museum Committee.—The Committee met twice during the period under report. The rules for taking photographs of the exhibits in the Museum and in the National Art Gallery, Madras, and for the reproduction of photographs were considered at one of the meetings and accordingly in G.O. Ms. No. 211, Education, dated 1st March 1954, Government have approved of the revised rules. (Please see Appendix VIII.)

Distinguished visitors.—Among the distinguished visitors to the Museum, were Professor S. F. Nadel of the National University of Australia, Canberra; Mr. Ramy Alexander of the International Team of the Ford Foundation, New York; Mrs. and Professor Julian Huxley, the eminent Biologist; Shri Sri Prakasa, Governor of Madras; Shri Satyendra Narayan, M.L.A., Bihar; Mrs. and Mr. Escott Reid, Canadian High Commissioner in India; Dr. Gojko Nikolis, Yugoslav Ambassador in India.

Gifts.—Among the gifts to the Museum during the year under review are (1) a collection of Yugoslav toys representing the national costumes of the peoples of Yugoslavia presented by the Yugoslav Federal Minister for Education Mr. Rodoljub Colakovic, who led the Yugoslav Goodwill Mission to India in 1953, (2) a Chinese painting in water colours presented by Sri N. Raghavan, Ambassador for India in China, (3) a collection of wood carvings from temple cars from Rajasingamangalam and Tiruvadanai presented by the Raja of Ramnad, (4) another collection of wood carvings from temple cars from Cholaipuram presented by the Raja Saheb of Sivaganga and (5) a sectional model of a ship the S.S. "San Francisco Xavier" presented by Shri D. E. Wadia, Scindia Workshops, Ltd., Bombay.

Other donors were : Mr. P. I. Chacko, Assistant Director of Fisheries, Freshwater, Biology, Madras-10; Lt., Col. T. S. Shastri, Madras-17; Sri N. R. Rao, Egmore, Madras, 8; Mr. W. T. Duffey, Messrs. Blackwood Hodge (India), Ltd., Madras-2; Sri T. N. Sethurama Chettiar, 43, Ananda Rangappillai Street, Pondicherry; Sri S. Krishna Row, M.A., B.L., Pleader, Udampet P.O.; the Secretary, Indian Central Tobacco Committee, No. 14, Victoria Crescent Road, Madras-1; Tribeni Tissues, Ltd., 37, Chowringhee Road, Calcutta-16; Chief Research Officer, Central Marine Fisheries Research Station, Mandapam Camp P.O.; Dr. E. K. Mackay, M.A., M.B.C.S., Tiruvannamalai; Sri M. Kamaraja Pandian, San Thome, Madras-4.

We are thankful to all the donors for their gifts (for details, please see Appendix III). The increasing number of donors is indeed a pleasant feature.

Course in Museum in Technique.—Two batches of teachers totalling 39 were given intensive training in Museum Technique during the months of May and June 1953, each batch undergoing a fortnight's training in Museum methods in Zoology, Botany, Geology, Archæology, Anthropology, Numismatics and Chemical Conservation. This course has now become a regular annual activity, which is being greatly appreciated.

Audio-Visual Education.—As mentioned in the report for 1952-53, one hundred sets of metal casts of 32 coins representative of the history of India were prepared and supplied to each of the one hundred schools recommended by the Director of Public Instruction. An illustrated descriptive catalogue was prepared and supplied along with the metal cast sets of the coins to enable their identification and study. The set thus forms an useful teaching aid in the study of the history of India.

Art Exhibition.—The International Exhibition of Children's paintings loaned by Shankar's Weekly was opened at the Madras Museum Centenary Exhibition Hall on the 3rd of July 1953 by the Chief Minister of Madras who distributed prizes to the winners in competition from Madras. The exhibition was held from 4th to 12th July 1953, both days inclusive, and attracted large gatherings of children from the various schools of the city.

On the day of the inauguration of the exhibition, Sri Shankar Pillai of Shankar's Weekly presented to the Chief Minister of Madras, 201 pictures representative of the various participating countries. These pictures along with one hundred pictures selected from out of those drawn by the Madras State children and exhibited in this Museum in February 1953, were ordered in G.O. Ms. No. 2276, Education, dated 25th September 1953, to be sent for exhibition in certain Municipalities. Accordingly exhibitions of these pictures were conducted in the Kozhikode, Coimbatore and Rajahmundry municipalities during the month of December and January 1954. The arrangement, etc., for putting up the exhibitions were suggested by the Superintendent, Government Museum.

Loan of paintings to schools.—On the recommendation of the Museum Committee, the Government in G.O. Ms. No. 210, Education, dated 1st March 1954, have approved the proposal of the loan of 214 surplus paintings in the reserve collection of the Art Section of this Museum to the educational institutions, recommended by the Director of Public Instruction. The paintings will be made into sixteen sets and lent to the schools on a rotation basis.

Ad hoc Committee for Children's Museum.—A meeting of this Committee was convened on 12th August 1953 and matters relating to the formation of a Children's Section were discussed. An estimate for the remodelling of the archaeological shed for use as a Children's Section is still awaited from the Executive Engineer. The exhibits for the proposed section are being collected. The leader of the Yugoslavia Goodwill Mission to India presented to the Museum 29 toys representative of some of the folk costumes of the several States of Yugoslavia and 50 picture books as a gift. These collections will form a nucleus of the Children's Section.

Regional Advisory Committee of the National Art Treasures Fund.—This Committee was constituted in G.O. Ms. No. 2584, Education, dated 11th November 1952, to act as principal agent for the work of the Fund in the Madras State, for arranging adequate publicity and for enlisting public co-operation. The functions of the Committee are to carry out a survey of the art objects within the State, make contacts with the owners and persuade

them to gift away or sell the objects to the Fund. The Superintendent, Government Museum, as the Convenor convened the first meeting of the Committee on the 11th July 1953. On the recommendation of the Committee during its sitting on 11th July 1953, Government in their Memorandum No. 35594-B/53-2, Education, dated 7th August 1953, have requested the District Collectors to collect information about the objects of art available in their districts for sale or gift to the National Art Treasures Fund and to furnish the information collected to the Convenor of the Committee. This information is being collected from the District Collectors.

Special Exhibition.—The following Special Exhibitions were held during the period under report :—

(1) Model of Privateer *Flame*, an armed merchant vessel circa 1,800 obtained by exchange from the City of Liverpool Public Museums.

(2) Model of a Neolithic Lake Village in England.

(3) Toys representing Yugoslav folk costumes presented by the leader of the Yugoslav Goodwill Mission to India in 1953.

(4) The coconut-crab—*Birgus latro*.

(5) Cinchona and its products.

(6) Fluorescence in Minerals.

(7) Lignite from Neyveli, South Arcot district.

(8) Metal Images from Semangalam, Tanjore district.

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

Art Exhibition by Sri K. Ramamurthi From 24th April to 3rd May 1953.

Meeting of the Archæological Society of South India, Madras. On 28th April and 1st May 1953.

Exhibition of paintings by Sri L. Munuswami, Artist, School of Arts and Crafts, Madras. From 31st July to 8th August 1953.

Meeting of the Archæological Society of South India, Madras. On 3rd October 1953.

Exhibition of Paintings by the South Indian Society of Painters, Madras. From 5th to 13th December 1953.

Meeting of the Archæological Society of South India, Madras. On 16th January 1954.

Exhibition of Books and Pictures by the Authors' and Artists' Association, Madras. From 17th to 21st January 1954.

Exhibition of Paintings by the South Indian Society of Painters Madras. From 1st to 8th February 1954.

Exhibition of Arts, Crafts and Hobbies by the Madras Arts and Crafts Teachers' Association, Madras. From 13th to 19th February 1954.

Meeting by the Archæological Society of South India. On 31st March 1954.

NEW ADDITIONS TO THE COLLECTIONS.

Zoology.—A collection of fourteen (14) freshwater fishes most of them introduced from foreign countries—the Giant Gowrami, Mirror Carp, Golden Carp, Tench, Trout, Cichlid, Mrigal, White Mullet, two specimens of Catla, Giant Catfish, two other Catfish, and the Mahseer, presented to the

Museum by Mr. P. I. Chacko, Assistant Director of Fisheries, Freshwater Biology, Madras-10; one slough of the Cobra presented by Lt.-Col. T. S. Shastri, Madras-17; a specimen of the whip scorpion *Phrynichus* sp. presented by Sri N. R. Rao, Madras-8; a specimen of the wolf snake *Lyodon* sp. presented by Mr. W. T. Duffey of Messrs. Blackwood Hodge (India), Ltd., Madras-2; a specimen of the Trinket snake *Elephe helenia* locally purchased and a large specimen of the Loggerhead turtle *Thalassochelys caretta* locally purchased are among the new additions to the collections.

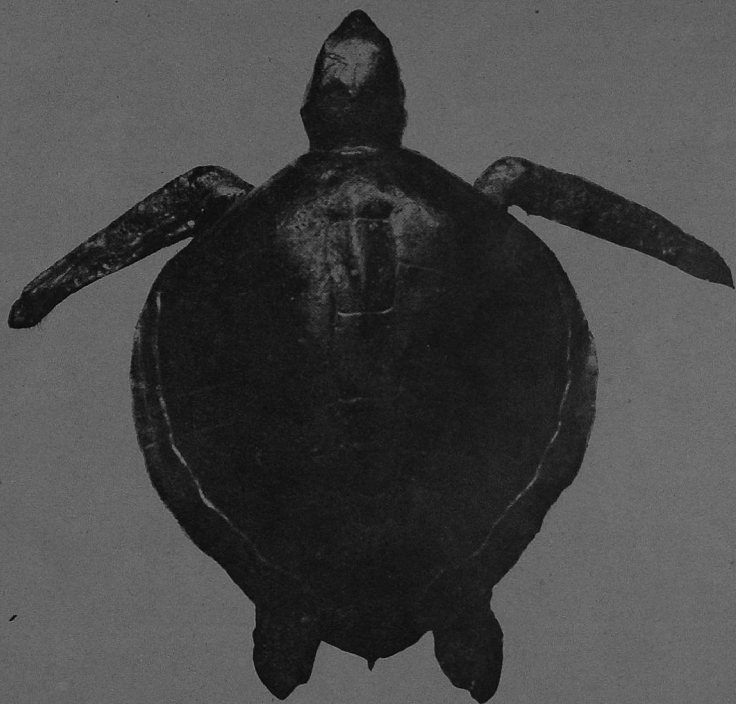
Botany.—Two toy dogs made by carving and articulating bamboo rhizomes were presented to the Museum by Sri T. N. Sethurama Chettiar, 43, Ananda Rangapillai Street, Pondicherry. One abnormally double-chambered coconut in two halves was presented by Sri S. Krishna Rao, M.A., B.L., Pleader, Udamalpet P.O. Four samples of foreign cigar wrapper leaves were presented by the Secretary, Indian Central Tobacco Committee, No. 14, Victoria Crescent Road, Madras-8. Six samples of indigenously manufactured cigarette paper were presented by the Managing Agents of Tribeni Tissues, Ltd., 37, Chowringhee Road, Calcutta-16. Samples of alginic acid, sodium alginate and bacto-agar were presented by the Chief Research Officer, Central Marine Fisheries Research Station, Mandapam Camp P.O. Four specimens to illustrate beedi manufacture, and four medicinal products containing quinine were purchased from the local market.

Geology.—Four products of unglazed vitreous stoneware (said to be unbreakable) were purchased from the Government Ceramic Factory, Gudur. Five minerals with radio-active elements (viz., Carnotite, torbernite, autunite, euxemite and thorianite) were purchased from Ward's Natural Science Establishment, Inc. Rochester, N.Y. One large specimen of rock-crystal was purchased from Sri R. M. Kasivisvanathan, General Merchant, Velayudhaswamy Koil Street, Sivaganga.

Anthropology.—Three ceremonial stone bull roarsers or stone tjurungas, nine wooden bull roarsers or wooden tjurungas used by the Australian aborigines, three combs used by the aborigines of New Guinea and 32 photographs of Australian aborigines obtained by exchange from the South Australian Museum, Adelaide, a Chinese mandarin's coat worn by officials on ceremonial occasions presented by Dr. E. K. Mackay, M.A. (Oxon.), M.B., C.S., L.R.C.P. (Eng.), D.T.M. of Tiruvannamalai, an iron anchor 15 feet long transferred from the compound of the Collector's Office, Madras; a dagger and three swords of steel presented to the Museum by Sri M. Kamaraja Pandian of San Thome; twenty-nine toys representing the National costumes of the peoples of Yugoslavia and fifty children's picture books presented to the Museum by Mr. Rodoljub Colokovic, Federal Minister for Education and leader of the Yugoslav Goodwill Mission which visited India in 1953; and a model of S.S. "San Francisco Xavier" built by the Greenock and Grange-mouth Dockyard Company, Ltd., Greenock, Scotland, presented to the Museum by Shri D. E. Wadia, Scindia Workshops, Ltd., Dockyard Road, Nazagaon, Bombay, are among the new additions to the collections.

Numismatics.—Nine gold coins, and fifty-three silver coins were added during this year. Details are given in Appendix I.

Archæology.—Five hundred and twenty-four items were added to the collections during this year. Of these, 48 items are from treasure-trove finds which included some fine figures of Somaskanda, Ganesa, Vishnu and Mahishasuramardini. Of the remaining items, 456 are wood carvings from temple cars. Two hundred and eighty-one of the wood carvings belonged to cars, dating from about the early part of the 19th century, which were properties



THE LOGGERHEAD TURTLE
(*Thalassochelys caretta*)

of the Siva temples at Rajasingamangalam and Tiruvadanaï in the Ramanathapuram district. These carvings which include a number of figures both artistically and iconographically important were presented to the Museum by the Raja Saheb of Ramnad, the trustee of the temples mentioned above, a few years ago. But they could be accessioned only now owing to the fact that their cleaning took a long time. The rest of the wood carvings which belonged to the Siva temple at Cholaipuram near Sivaganga were presented by the Raja Saheb of Sivaganga, the trustee of the temple. Besides these, five paintings and a carved wooden tablet were obtained as gifts. One of these, a good Chinese painting is a gift from Sri N. Ragahvan, Ambassador for India in China for the National Art Gallery. Three metal figures, eight clay figures and one copy of a mural painting of Trivandrum were added by purchase. A good model of a house in teakwood, with all the accessories and equipment of a decent family was obtained by transfer from the School of Arts and Crafts (vide G.O. Ms. No. 3773, Development, dated 17th August 1953). A stone figure of Vishnu of a very early date was acquired through the Tahsildar, Villupuram.

RESEARCH AND PUBLICATION.

Zoology.—The paper “Cirripedia of the Madras Coast” by Mr. A. Daniel, M.Sc., University Research Laboratory, is in the Press. The next in the series of Natural History Bulletins “Scaphopoda, Pelecypoda and Cephalopoda of the Krusadai Island” by Mr. S. T. Satyamurti is ready for the Press. A Hand-book on Museum Technique in Zoology is ready for the Press. A Guide-book to the Zoological galleries is in preparation.

Botany.—An article by the Curator, on the feeding habits of bears at Kambakam forests, was accepted for publication in the Journal of the Bombay Natural History Society. The Guide to the Galleries was brought up to date. Typescript of the Hand-book on Museum Technique was got ready for the Press. A Cow Tree seed was obtained from the Indian Museum, Calcutta, and sown in our compound. The results could not be appreciated, before the year under review drew to a close. Study of the use of alkathene in the preservation of herbarium specimens was continued. The Curator’s study of ferns maintained its slow progress.

Geology.—The Guide to the Galleries was brought up-to-date. The typescript of the Hand-book on Museum Technique was corrected.

Anthropology.—The revised edition of the catalogue of the Musical Instruments in the Madras Government Museum by Professor P. Sambamoorthi, is in the final proof stage. The Curator contributed an article “Indo-Aryans” to the Tamil Encyclopædia.

Archæology.—The second proof of “The Nagapattinam and other Buddhist Bronzes in the Madras Museum” by Sri T. N. Ramachandran, was received from the Press and is being corrected. The publication of the bulletin on “Early Eastern Chalukyan Sculpture” by Sri C. Sivaramamurti has been taken up. The study of the Jain sculptures and copper-plate grants is being continued by the Curator for Archæology.

EDUCATIONAL WORK.

1. *Gift to institutions*—*Bharat Kala Bhavan, Benares.*—On behalf of the Madras Government, a beautiful bronze Nataraja obtained as a treasure trove from Tiruchirappalli district was presented to the Bharat Kala Bhavan, Benares, as a gift from this Museum. Government considered that this

bronze, if placed at Benares will serve to bring to the notice of all India, the art and culture of the South (G.O. Ms. No. 190, Education, dated 25th February 1954). The presentation was made in person by Shri Sri Prakasa, the Governor of Madras, before a large and enthusiastic gathering at the Hindu University, Benares. The Bharat Kala Bhavan has accepted this gift with great appreciation and remarked that this kind attitude of the Madras Government has paved a way to the cultural unity of the North and the South and to the growth of a healthy national feeling.

2. *Cotton College, Gauhati*.—A set of 24 palæoliths, 12 neoliths and a few pottery specimens and beads were given as gift to the Cotton College, Gauhati, Assam, for teaching purposes. (Government Memorandum No. 34524-E/53-3, Education, dated 20th August 1953.)

Reference has already been made to the course of training in Museum Technique to two batches of teachers.

Demonstration to school teachers.—Teachers belonging to 16 City High schools attended the demonstrations in Anthropology, Archæology, Zoology, Botany, and Numismatics on Saturdays commencing from 14th November 1953 to 16th January 1954.

Popular lectures.—Dr. A. Aiyappan, Superintendent, Government Museum, gave a course of ten lectures and demonstrations to the University students undergoing the Diploma and Certificate Course in Anthropology during the year. The Curator for Anthropology gave two lectures to the above students who were also afforded facilities for examining and studying the ethnographic collections and prehistoric antiquities in the Museum in connection with the above course of lectures and demonstrations.

The Curator for Anthropology gave a course of lectures to the first-year students of the Madras School of Social Work, Egmore, as Visiting Lecturer in Anthropology and Sociology from November 1953 to March 1954 (vide G.O. Ms. No. 2183, Education, dated 16th September 1953).

The Curator for Anthropology addressed the staff of the Hindu Theological High School, Madras, on "Museums as Educational Tools".

The Curator for Archæology broadcast three talks in Tamil on Museums, etc., for elementary schools in this State from the All-India Radio, Madras.

Facilities for research workers, etc.—Sri G. N. Das, M.A., LL.B., Research Scholar, Deccan College, Poona, was afforded facilities for the study of the pre-historic antiquities collections of this Museum in connection with his work on the Megalithic Monuments of the Nilgiri Hills. Dr. Bendapudi Subba Rao, M.A., LL.B., PH.D., Professor and Head of the Department of Archæology of the Maharaja Sayajee Rao University of Baroda, was afforded facilities to study the stone-age collections of Northern India of this Museum. Sri P. S. Sambandamoorthy, B.Sc. (Hons.), Superintendent, Government Fisheries, Ennur, was afforded facilities to study the Porifera and Coelenterata reserve collections of this Museum. Mr. Klaus Sander, Research Scholar from Darmstadt, Germany, at the Muslim University of Aligarh, Uttar Pradesh, was afforded facilities to study some of the molluscan reserve collections of this Museum. Miss Vanaja, M.A., a research student of the Presidency College Research section, is continuing her study of the punch-marked coins of this Museum for her thesis for the M.Litt. Degree and she is being given all the facilities for her study. Dr. Klaus Fischer of the University of Cologne, West Germany, was given facilities to study the

collection of sculptures, architectural pieces and other works of art of the Museum in connection with his study of the Arts of India of the post-mediaeval period.

The Forest Utilization Officer, Madras; the Silviculturist, Madhya Pradesh; Dr. Mulk Raj Anand, Editor of "Marg", Bombay; Mr. Dietrich Schnebel, a businessman from Germany; the Director of the Botany Research Laboratory, University of Madras; Sri Sharma of the Documentary Section, Ministry of Information and Broadcasting, Government of India; Perumukal M. Dasaratha Chetty & Bros., Madras; and Sri Ganesh Mudaliar & Co., Cuttack, were given research and other facilities by the Curator, Botany Section.

Information was supplied or specimens were indentified for the following:—

Dr. S. S. Sarkar, Anthropology Department, Calcutta University, Mr. F. R. Allehin, School of Oriental and African Studies, London; Mr. M. Krishnan, Ornithologist, Madras, Professor Raymond A. Dart, University of Witwatersrand, South Africa, Professor K. Govinda Menon, Anatomy Department, Madras Medical College, Mr. A. M. S. Ahamed Ibrahim, Colombo.

Sri J. Augustine, Laboratory boy of the Central Fisheries Marine Research Station, was given training in preservation and taxidermy work for twelve days on deputation by Dr. N. K. Panikkar.

Mr. S. Mohammed Ali, M.Sc., Curator, Department of Zoology, Muslim University of Aligarh, was given intensive training in the Zoological Section of this Museum from 8th June to 10th July 1953.

Mr. Duncan, an artist deputed from the Raj Bhavan, Guindy, was given facilities to make replicas of bronzes and sculptures to be exhibited in the Raj Bhavan (vide G.O. No. 107, Education, dated 3rd February 1954).

WORK IN THE GALLERIES.

ZOOLOGY.

As the vacancy of the post of Curator, Zoological section, has not yet been filled up, only the routine work of the section is being carried out.

Additions.—A large specimen of the Loggerhead turtle *Thalossochelys caretta* was preserved, mounted and exhibited in the reptile gallery. This new specimen is a valuable addition especially as the older specimen which is being renovated and exhibited is gradually deteriorating and becoming unfit for exhibition.

Improvements.—The following exhibits in the Carnivora cases of the Mammal gallery were given preservative treatment, renovated and exhibited: *Vulpes bengalensis*, the Indian Fox, *Canis indicus*, the jackal, *Cuon dukeunensis*, the Indian wild dog, *Mellivora indica*, the Indian ratel, *Lutra lutra*, the common otter, *Lutra macrodus*, the smooth Indian otter, *Paradoxurus niger*, the Indian palm civet, *Paradoxurus jerdoni*, the brown palm civet, *Viverra civettina*, the Malabar civet, *Mungos fuscus*, the Nilgai brown mungoose, *Mungos vitticollis*, the stripe-backed mungoose, *Mungos mungos*, the common Indian mungoose, *Mungos smithi*, the ruddy mungoose. The skeleton of the Indian Rorqual *Balaenoptera indica* which is one of the most impressive exhibits in the museum was cleaned thoroughly with lissopol N and after thorough drying was given a good coating of copal varnish. A special scaffolding had to be put up for nearly two months to effect this cleaning and renovation of this remarkable skeleton. The same cleaning and

preservative treatment by varnishing was also given to the huge skeleton of the famous Arcot rogue elephant *Elephas maximus* in the Mammal gallery which is 10'6" high. Beadings to support the glass panes were provided for 14 sloping cases in the skeleton gallery. The exhibit cases containing the flying fish *Hyporhamphus*, the white backed vulture *Pseudogyps pengalensis*, the jungle fowl, *Gallus sonneratii* and the marine turtles *Caretta caretta*, *Chelone mydas* and *Chelone imbricata* were cleaned and the background cloth painted to give the appearance of a natural habitat setting.

Labelling.—About fifty new labels were added to the zoological galleries including those that were renewed in place of old and faded ones. At present there are very few labels in Tamil. The preparation of general labels in Tamil for the more important exhibits, to start with, is in progress. A large number of sign boards of the popular names of the exhibits in the Bird gallery were repainted.

Preservation.—The routine refilling with preservative solutions, bladdering and painting of gallery specimen jars were carried out this year as usual. The cleaning, dusting and provision of insecticides and preservatives to the exhibit cases and the reserve collection cup-boards were also attended to. The insect cabinet cases both in the galleries and the reserve collection were also given the usual lysol, camphor and naphthelene preservative treatment.

BOTANY.

Additions to galleries.—One rack with 32 specimens of timber received from the Forest department for temporary storage, was exhibited with the timber collections. Twenty-one specimens and three photographic enlargements illustrating the lac industry, five herbarium specimens of plants yielding insecticidal materials, two specimens pertaining to the rubber industry, 16 sea-weeds, four medicinal products with quinine and 31 samples of oil-seeds as well as samples of wheat, tobacco seed oil and copal oil were added to the Economic Products gallery. Three models, illustrative of the trap mechanism in some of the insectivorous plants, and a model to demonstrate cross-pollination in *Salvia* flower, which could be worked by visitors, were put up in the Ecology gallery.

Improvements to galleries.—A sub-section of valuable sea-weeds was organized in the galleries. Exhibits of toys, mats, coir and miscellaneous plant products were re-arranged and displayed better. Twelve photographs of the cultivation of ganja, tobacco and cotton were given better display in the Economic Products galleries. Thirteen sloping cases in the galleries were provided with better locking arrangements.

Labelling and preservation.—Sixteen herbarium specimens were poisoned with alcoholic solution of corrosive sublimate, and their sheets were renewed. A sample of wheat and two toy dogs made of bamboo rhizomes, were shellac treated. Adequate safty devices were introduced into the working model, illustrating cross-pollination in *Salvia* flower, so as to enable it to withstand the every day handling by the public. Thirty-two old exhibits of medicinal plants, insectivorous plants, *sinchona*, sugarcane, dye-stuff, lac and tobacco were treated and exhibited again. Sixty-two specimens and samples of sea-weeds, *cinchona*, lac, oil seeds, sugarcane, tobacco seed oil and copal oil were neatly mounted for display in the galleries. Four broken ventilator frames of the herbarium press were repaired. Sixty-seven labels

were painted, and 86 labels were neatly written out, for the various specimens and groups of specimens. All the new labels were prepared in trilingual characters, and neatly mounted in alkathene. Index cards were prepared for 150 exhibits in the galleries.

GEOLOGY.

Additions to galleries.—A device for demonstration of fluorescence of minerals under ultra-violet light, was got up with indigenous labour and fitted up in the galleries. Twenty-seven specimens pertaining to the mining of South Arcot lignite, and fifteen fire-clay products were exhibited under Economic Geology. One large rock crystal and one molybdenite were added to the mineral exhibits. One flexible sandstone and fossils of an elephant skull, *Paludina sp.* and *Corbula sulcata* were our additions to the stratigraphy cases.

Improvements to the galleries.—The fire-clay exhibits were re-arranged and displayed in a better way. Two exhibits of serpentinous stones that came off loose, were refixed in the walls of the geology galleries. Eighteen geology sloping cases were provided with better looking arrangements.

Labelling and preservation.—One specimen of fossil elephant skull was cleaned. One flexible sandstone was mounted in glass, and thirty-four specimens, charts and photographs pertaining to the South Arcot lignite were mounted in alkathene. Twenty-eight naphthalene boxes were put in vertical show cases. Two labels were painted, 64 labels were printed and 73 labels were neatly written out, for the various specimens and groups of specimens. All the new labels were prepared in trilingual characters, and neatly mounted in alkathene. Index cards were prepared for 200 exhibits.

ARCHÆOLOGY.

Improvements.—The periodical cleaning of the glass panes of the show cases was done. The background cloth, which had come off from the show cases where the Nataraja figures and the Varadaraja figure are exhibited was refixed. The black paint of the show cases containing pith models and plaster models of temples was removed and the original colour of the show cases restored by varnishing anew.

Labelling and preservation.—About 50 faded labels of the Hindu and Buddhist sculptures were replaced by new ones. Trilingual labels giving also the approximate date were provided for about 15 important ancient metal images.

During the year 35 metal figures and articles and nine wood carvings were sent to the Chemical Conservation Section for cleaning. Of these, nine wood carvings and two metal images were received back after cleaning. The rest are still being cleaned. Besides, the pith and plaster models of temples and the coconut and ivory carvings and the lacquered gesso works were also examined and preservatives applied to them. The work of examining and applying necessary preservatives to the large number of exhibits in the reserve, was also done as usual.

ANTHROPOLOGY.

Additions to galleries.—The bullroarers and stone tjurungas of the Australian aborigines and the combs used by the aborigines of New Guinea were exhibited in the Ethnology galleries.

The teaching collection of stone-age implements exhibited in the galleries is being augmented systematically on a typological basis.

Improvements to the galleries.—The exhibit cases containing South Indian boomerangs and an Australian boomerang were cleaned, the cloth-lining painted and the boomerangs exhibited again. Six sloping cases in the prehistoric antiquities galleries were lined with cloth and painted with distemper. A number of broken glass panes were renewed and beadings provided for sloping cases in the Ethnology and Prehistoric antiquities galleries.

Labelling and Preservation.—The provision of trilingual labels to some selected exhibits in the Ethnology galleries is in progress. The routine preservative treatment of ethnographic materials in the reserve collection and on exhibition and the provision of insecticides and insect repellants was carried out as usual during this year. The restoration and renumbering of the collections of Prehistoric antiquities from Nilgiris is in progress.

Numismatics.—The work of transferring coins from the Accession Register to the stock register is being continued.

Metal casts of a set of 32 coins of India representing the important dynasties and periods of Indian History from the time of Panini to the days of the East India Company were prepared in this Museum. This work is in furtherance of the scheme of visual aid in the teaching of Indian History in schools. One hundred sets of such coin casts were prepared and sold to schools in this State and in Andhra. An illustrated descriptive guide book of the set of coins was prepared by the Curator and published to help in the identification and study of the coins.

RESTORATION AND PRESERVATION DONE IN THE CHEMICAL CONSERVATION SECTION.

Eight bronze images (Balasubrahmanya—Accession No. 241/53 and Gnasambandamurti—Accession No. 242/53, Sukhasana No. 1 (199); Devi as Durga—No. 1 (268); Sri Devi—213/52, Bhudevi—214/52, Vishnu—215/52, Vishnu—212/52, were restored by electrolytic reduction and were given a preservative coating of celluloid. The bronze image of Nataraja (Accession No. 166/50) which was presented by the Madras Government to Bharat Kala Bhavan, Benares, was partially treated by a 10 per cent solution of Sodium Metaphosphate for the removal of calcareous material. Twenty-five small bronze objects were restored by treatment in dilute acetic acid.

Two hundred and eighty-seven punch-marked coins (silver) were restored by means of hot formic acid (strength varying from 10 per cent to 20 per cent) and were given preservative coatings.

Of the twenty Andhra lead coins received for treatment, eight were restored by dilute acetic acid; eleven were too corroded to stand any treatment and the remaining one which was suspected to be silver was treated by dilute formic acid followed by treatment in a dilute solution of Potassium Cyanide. This last coin proved to be fragile silver containing copper.

Two copper coins were restored by treatment in dilute alkaline Rochelle salt solution.

Ten iron objects (swords, sabres, gauntlets, etc.) were treated by reduction with zinc and sodium hydroxide and given a preservative coating.

Eight wooden car panels were treated by hot dilute sodium carbonate.

Work in the galleries.—The galleries of the various sections were periodically inspected on rotation and the necessary restorative treatments carried out wherever necessary. In cases requiring minor treatments and cleaning, they were carried out in the sections. The reserve collections were also periodically inspected. The Amaravati marble pieces stored in the godown were showing a tendency to disintegrate. This was traced to the presence of organic matter and fine dust which acts as good surface for absorption of moisture. These marble pieces were thoroughly washed with a wet cloth and this is to be repeated once in two months.

Research work.—The investigations regarding the possibilities of using latex for taking moulds of images and coins are being continued. Another material which is being tried for taking flexible moulds is the Asiatic seaweed *Gracilaria lichinoides*. This material has given some promising results, though further investigation is necessary to come to specific conclusions.

The rich and valuable collection of paintings in the National Art Gallery has brought in the necessity of studying carefully the subject of "Paintings and Pictures" in its various aspects. In this connexion the following topics are receiving attention :—(1) Methods of exhibition and care of paintings. (2) Lighting arrangements. (3) Proper methods of storage of reserve collections. (4) Restorative treatment for paintings. (5) Strengthening of canvas. (6) Microscopic and Ultra-violet ray examination of paintings. (7) Fumigation in the case of paintings on wooden panels to prevent attacks by larvae of beetles. (8) Study of pigments, varnishes, etc. (9) Study of painters' methods and materials.

PHOTOGRAPHIC WORK.

Botany.—A photograph of an abnormal plantain tree, three photographs pertaining to lac cultivation, a colour transparency of one of our important textile specimens, eight colour transparencies of local vegetation, and two magic lantern slides in colour pertaining to the Museum garden were the additions to our photographs and slides. Fifteen old film negatives were identified and indexed.

Geology.—Two photographs of breaking of rocks by plant roots were added to the album.

Anthropology.—Twenty-five photographs were added to this section. Of these five represent musical instruments, two prehistoric antiquities and eighteen ethnographic subjects.

Archæology.—During the year 26 half-size negatives, 22 quarter-size negatives and 22 films were added to the collection.

Chemical conservation.—Three half-size negatives for recording by comparison the improvement effected by electrolytic restoration were prepared.

Numismatics.—Thirty-three photographs of coins were prepared for this section.

PLANS FOR THE YEAR 1954-55.

Zoology.—The cleaning and varnishing of the larger skeletons that are displayed as open exhibits will be continued. The routine preservation and collection of specimens will be continued along present lines. The addition of new specimens and the replacement of old faded specimens in the reptile gallery is to be continued. The colour schemes and background painting for

cases will be continued. Educational activities, facilities for research, exchanges, etc., will continue along present lines.

Botany.—Some important specimens of timber will be procured from the National Museum of Wales, Cardiff, on an exchange basis. Two toy dogs made by carving and articulating bamboo rhizomes, some more specimens of the tobacco industry, and specimens pertaining to the sandalwood industry and sea-weeds will be displayed in the Economic Products Galleries. A sub-section of sandalwood industry will be opened in the galleries. A special exhibition of lac, will be conducted. Improvement of the labels in the galleries and preparation of cards index, will be pursued.

Geology.—Effort will be made to procure specimens of synthetic quartz and E.D.T. crystals. Products of unglazed vitreous stoneware, maps of the world at different geological periods, minerals having radio-active elements, and specimens pertaining to the glass industry will be displayed in the Geology galleries. Efforts will be made for a better illustration of the glass industry. A special exhibition of glass will be conducted.

Anthropology.—The preparation and exhibition of trilingual labels for all exhibits which lack them is to be continued. The reorganization of the arms gallery is under consideration. Exhibition of the newly acquired ship model and other ethnographic materials is proposed. Facilities for research, educational activities and exchanges will continue along present lines.

Archæology.—The specimens of the treasure-trove finds which are pending will be acquired and added to the collection. Specimens of architectural pieces of the Modern period will be collected. The stucco heads of the Buddha and the Bodhisattvas got from Taxila will be exhibited in the Gallery. Research work on the Jain sculptures and copper-plate grants will be continued.

GOVERNMENT MUSEUM, MADRAS,
31st May 1954.

C. J. JAYADEV,
Superintendent.

II

ADMINISTRATION REPORT OF THE NATIONAL ART GALLERY, MADRAS.

The Special Committee for the National Art Gallery consisting of Sri K. M. Unnithan, I.C.S. (Chairman), Sri D. P. Roy Chowdhury and Sri K. Ram Mohan Sastri with the Superintendent, Government Museum as Convenor continued till the 27th November 1953. This Committee met once in July 1953. Sri K. M. Unnithan, I.C.S., the Chairman, resigned his Chairmanship. The Government, in their Memorandum No. 47088/53-1, Education, dated 12th October 1953, accepted his resignation after placing on record their appreciation of the valuable services rendered by him as Chairman of the Committee before and after the establishment of the National Art Gallery. In G.O. Ms. No. 2665, Education, dated 22nd December 1953, the Government reconstituted the Special Committee with effect from 27th November 1953 as follows:—Sri S. Venkateswaran, I.C.S., Secretary to Government, Health, Education and Local Administration Department, Chairman; Sri D. P. Roy Chowdhury and

Srimathi Rukmini Devi, Director, Kalakshetra, as members and the Superintendent, Government Museum as Convenor. Its term was also fixed as two years from the date on which the term of the previous Committee expired. The Committee has not yet met since its reconstitution.

During this year the following were among the distinguished visitors to the National Art Gallery :—Dr. and Mrs. Haggerty, and Mrs. and Mr. Escott Reed, Canadian High Commissioner in India, Mrs. and Professor Julian Huxley, the famous Biologist and Sri Satyendra Narayan, M.L.A., Bihar.

A Chinese painting dating from about the later half of the 19th century was presented, to the Gallery by Sri N. Raghavan, Ambassador for India, in China. This has been accepted for the Gallery pending its examination by the Special Committee.

During this year a few more publications and catalogues from some institutions abroad, mainly United States of America were received free of cost. These have been added to the books and prints that are being collected for a Students' Room. The getting of colour prints, lithographs and ganymed facsimilies kindly offered by the British Council has reached a final stage, and they are expected shortly.

Consequent on the completion of the work of framing, etc., the display of the group of recently purchased paintings and of the group of sixteen North Indian paintings obtained from the Baroda Museum and Picture Gallery was taken up and decided on with the help of Sri K. Ram Mohan Sastri, Member of the Special Committee who was requested to attend to this. In addition to the newly purchased paintings about ten large paintings including the works Rama Varma, V. M. Dhurandhar, Rahman Chughtai were selected from the reserve collection of paintings in the Museum for exhibition in the Gallery. The large paintings are exhibited in Room 3, in the rear part of the Main Hall, the smaller paintings exhibited in the vertical and sloping show cases. The fine bronze figure entitled "Victims of Hunger" by D. P. Roy Chowdhury was also exhibited in the centre of Room 3. Since there is no special lighting arrangement in Room 3 and in the new show cases, a proposal to provide the room with flood lights was suggested by the Committee and the work has reached an advanced stage, and is likely to be completed early in 1954-55. The Committee also approved the proposal to lay pipe lines in the lawn area for watering purposes. This work has been taken up. As decided by the Committee the walls on either side of the entrance to Room 3 were provided with masonite sheet facing in order to increase the space for exhibition purposes.

The total number of visitors during the year 1953-54 was 63,946 showing a significant increase of 3,178 over that of the last year. The daily average of visitors during this year was 206 which shows an increase of 12 over last year's figure. These figures definitely indicate the increasing popularity of the gallery and the definite role that it has begun to play in the cultural life of the people of the State in general and the public of the City in particular.

That the National Art Gallery is becoming increasingly popular at home and abroad is seen from the following selection of the visitors' remarks :—

Dr. and Mrs. W. M. J. Haggerty, on 27th April 1953—

"It is amazing to find here so many beautiful examples of the creativeness of the past."

Mr. J. H. Mecqucki, on 24th October 1953—

"A wonderful collection of Indian Art."

Professor Julian Huxley, on 4th March 1954—

“Wonderful bronzes! Such treasures last for ever.”

Shri Satyendra Narayan, on 25th March 1954—

“Such beautiful figures are a joy to see and elevate one.”

NATIONAL ART GALLERY,
PANTHEON ROAD, MADRAS-8,

31st May 1954.

C. J. JAYADEV,
Acting Superintendent.

III

ADMINISTRATION REPORT OF THE GOVERNMENT MUSEUM, PUDUKKOTTAI.

GENERAL.

Visitors.—The total number of visitors during the year was 113,201 with the daily average of 405. The percentage of literate visitors was 24.40 which is a little higher than 24.06 per cent of last year, while the number of distinguished visitors and that of the educational institutions (Appendix IV and III) was 21 and 40 as against 16 and 33 of last year. The Museum thus continued to remain popular becoming more useful, instructive, and interesting to the people.

Extra-mural activities and assistance to institutions.—On 2nd July 1953, the Curator addressed a gathering in the municipal office during the National Tree-planting and Compost Week on the importance of the week.

The questionnaire issued by the Government of India on the preservation of wild life, and game sanctuaries, and starting of “National Parks” was answered with reference to the Pudukkottai Division at the request of His Highness The Raja of Pudukkottai, and submitted to him.

On 4th May 1953, the Curator accompanied the Hon’ble Minister Sri C. Subramaniam, and his Parliamentary Secretary Sri K. Rajaram Naidu, to Sittannavasal and interested them in the frescoes in the cave-temple and its importance.

Besides rendering the usual assistance to educational institutions (vide Appendix III) Sri P. R. Srinivasan, Curator for Archaeology in the Madras Museum, was given all possible help to study the Jaina exhibits in this Museum, and also a few of the Jain monuments near Pudukkottai.

Mr. A. Atwell of the Department of Painting and Sculpture, Cornell University, New York, U.S.A., was given facilities to study the exhibits in this institution.

Galleries, buildings and gardens.—The work in the galleries was of a routine kind such as renewal of the broken jars, and glass-panes of the show-cases, replacement of the typed labels of the exhibits by Indian ink ones, replenishing the specimen jars with new preservative solutions, varnishing the show-cases and lining wherever necessary their inside with drill cloth, and mounting fresh exhibits replacing the old.

The annual petty repairs and whitewashing done at a cost of Rs. 500 improved much the appearance of the buildings.

The gardens continue to lend their charm and usefulness to the Museum and its visitors.

WORK IN THE SECTIONS.

Geology.—The typed labels were replaced by Indian ink ones. No additions were made. The cases were cleaned.

Botany.—The old and useless exhibits were replaced by fresh ones as in the case of a few hooked and winged fruits, and root and shoot modifications. Labelling the exhibits in English and Tamil was over. The specimen jars were cleaned, and replenished with fresh preservative solutions.

Zoology.—In the mammalian gallery the 'Indian Porcupine' (*Hystrix leucura*), the 'Slender Lemur' (*Loris gracilis*), and the Scaly Ant-eater, or the Indian Pangolin (*Manis pentadactyla*) were exhibited separately.

The skulls of a bear, wild boar, dog and kitten were mounted in a separate show-case. An illustrated chart to distinguish wild dog (*Cuon dukhunensis*) and domestic dogs, wolves, jackals, and foxes was displayed by the skeletons of the animals. The skeletons, skulls, and horns exhibited in the skeletal gallery were cleaned and varnished. Two specimens of the 'Painted Grass-hopper yellow and blue' found on the 'Madai' (*Calotropis*) and two of the citrus butterfly (*Papilio demoleus*) were added to the Entomology gallery.

Indian ink labelling was over in the Invertebrate and Birds galleries.

Economic Section.—Arts and Industries: A dozen baskets beautifully made of palmyra (*Borassus flabellifer*) leaf strips by the Nagarattar women, and three wooden chains with the rings artistically carved out of single piece of wood were the interesting additions.

Ethnology.—The musical instruments gallery was slightly rearranged for better display.

Arms and armour.—A Gurkha knife with its sheath was exhibited in a new show-case by the side of a similar one.

Two 'Korattu Kambu,' a hocky stick like missile used for hunting hares, jackals, foxes, etc., were added.

There was regular cleaning, and varnishing of the exhibits in the section.

Numismatics.—Thirty-two silver coins, 42 lead, and 8 nickel were rearranged in the year. The Curator for Numismatics in the Madras Museum, Sri P. N. Mohan Das, was here from 23rd November 1953 to 25th November 1953 to check the entries of the coins (780 gold, 280 silver, 42 lead, 8 nickel, and 896 copper) in the registers and to help in the identification of some of them.

Archæology.—There was a slight rearrangement in the 'Bronze Gallery' to put up a better show. The bronzes in the 'Village Gods' gallery, and those in the 'Miscellaneous' were identified, and renumbered.

A separate show-case was made to display prominently the bronze of the standing 'Adinatha' in the Jain bronze and sculpture gallery.

Library.—Appendix E shows the books which were added in the year.

Equipment including furniture and fittings.—Furniture costing Rupees 299-8-0 was purchased from the Central Jail, Tiruchirappalli, and Rs. 106 which included show-cases and the like were made locally. Rupees 27 were spent in repairing the furniture.

Staff.—Sri T. Venugopal, B.Sc., was appointed as the Technical Assistant on 9th April 1953. The permanent incumbent who was on other duty under the Assistant Archaeological Chemist in India at Tanjore as the temporary Assistant Draughtsman died in December 1953. Sri T. P. Radhakrishnan, Taxidermist, died of heart failure on 8th September 1953. The head peon, Sri M. Duraiswamy, retired from service on 1st July 1953, and his place was filled by Sri S. Muthukaruppan a candidate selected from the panel of names furnished by the Sub-Regional Employment Officer, Tiruchirappalli.

Sri C. J. Jayadev, Acting Superintendent, Government Museum, Madras, inspected the Museum on 5th January 1954. Sri V. Gopala Menon, Office Assistant, Government Museum, Madras, inspected the Museum on 18th March 1954. Sri V. Krishnan, Head Clerk, Government Museum, Madras, inspected the office from 9th to 15th June 1953. Sri P. N. Mohan Das, Curator for Numismatics, Government Museum, Madras, was here from 23rd to 25th November 1953 to check the register entries of the coins in the Museum, and to help in identifying some of them.

Tours.—Sri A. Subbarayan Servai, lower division clerk of this Museum, was sent to the Madras Museum to acquaint himself with the work in the office there from 7th to 15th August 1953.

The Curator was on a study trip to the Madras Museum for ten days from 24th March 1954.

No member of the staff was on leave during the year.

GOVERNMENT MUSEUM, PUDUKÖTTAI,
31st May 1954.

T. S. SUNDARAM,
Curator.

IV

ADMINISTRATION REPORT OF THE CONNEMARA PUBLIC LIBRARY.

EXCHANGES.

The number of institutions sending their journals in exchange for the Museum Bulletin was 215 and the number of different journals received from these institutions was 390. The number of standard works sent by them was five. During the year, the following three institutions were added :—

- (1) U.S.S.R. Academy of Science Library, Russia.
- (2) Indian Institute Library, Broad Street, Oxford, England.
- (3) University of Michigan General Library, Ann Arbor, Michigan.

The following institution has been removed from the Exchange list :—
University of Madras.

CONNEMARA PUBLIC LIBRARY,
MADRAS,
31st May 1954.

K. GOVINDA MENON,
Librarian.

APPENDICES RELATING TO GOVERNMENT MUSEUM, MADRAS.

APPENDIX I.

COMPLETE LIST FOR THE YEAR 1953-54 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>						
565	845	Three old star pagodas and one Pagoda of Haider Ali. . . .	Gold.	31	31	4
570	846	Rupee coins of Queen Victoria, Edward VII and George V . . .	Silver.	75	75	41
571	847	Five Vijayanagar pagodas . . .	Gold.	5	5	5
572	848	Queen Victoria coins . . .	Silver.	44	44	12
<i>B. Not acquired.</i>						
566	..	Twenty-seven small gold coins . .	Gold.	27	27	..
566	..	One gold coin	Gold.	1	1	..
568	..	Thirteen gold coins	Gold.	13	13	..
575	..	Queen Victoria, Edward VII and George V coins	Silver.	37	37	..
577	..	Three hundred and eighty-three gold coins	Gold.	67	67	..
	..	Two hundred and twenty-four gold coins				
578	..	Five ordinary lead bars	Lead.	5	5	..
582	..	Small pieces of gold coins, 204 . .	Gold.	204	204	..

APPENDIX II.

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

Treasure-trove number.	Accession number.	Particulars.
<i>A. Acquired by the Museum.</i>		
<i>Archæology.</i>		
562	235/53	Siva seated on <i>padmasana</i> with right leg hanging and left leg bent and kept on the seat. Wears <i>jatamakuta</i> , <i>makara</i> and <i>patra-kundalas</i> , necklaces, <i>yagnopavita</i> , <i>udarabandha</i> , <i>kirtimukha</i> -band in the waist, <i>kinkiniyalaya</i> on the right leg and <i>padasaras</i> . <i>Parasu</i> and deer in the upper hands, the lower hands in <i>abhaya</i> and <i>abhyavara</i> poses. <i>Sirascakra</i> is present. Bronze. Height 23"; breadth 16".
562	236/53	Devi (probably Uma to form a group with Siva of previous item) seated on <i>padmasana</i> with right leg bent and left leg hanging. Wears <i>karandamakuta</i> , <i>sirascakra</i> , <i>makarakundalas</i> , necklaces, etc. Lower garment is suggested by lines. Right hand in <i>kataka</i> pose and the left hand is in <i>varada</i> pose. Bronze. Height 18"; breadth 7½".
562	237/53	Siva seated on <i>padmasana</i> and similar to item No. 235/53 above. Emblems with fingers holding them of the two upper hands are broken and missing. Bronze. Height 22½"; breadth 12".
562	238/53	Devi (probably Uma to go with Siva of previous item). Similar to Devi of item No. 236/53; but here the figure has <i>jatamakuta</i> and <i>sirascakra</i> missing. Bronze. Height 19"; breadth 5½".
562	239/53	Ganesa standing in the <i>tribhanga</i> pose on the usual <i>asanas</i> . Usual ornaments including <i>sirascakra</i> are present. The trunk touches the <i>modaka</i> in the lower left hand. Bronze. Height 20"; breadth 10".

Treasure-Trove
number.

Accession
number.

Particulars.

A. Acquired by the Museum—cont.

Archæology—cont.

- 562 240/53 Ganesa standing in a slight *bhanga* on the usual *asanas*. The *bhadrasana* has spikes to receive the *prabha*. The trunk is not curled here; but other usual ornaments are present. Bronze. Height 20"; breadth 10½".
- 562 241/53 Balasubrahmanya dancing with right leg lifted and the left leg planted on *padmasana* over *bhadrasana*. The usual ornaments including the *sirascakra* are present. The first finger of the right hand is broken and missing. Bronze. Height 28"; breadth 15".
- 562 242/53 Tirujnasambanda standing in the *tribhanga* pose on *padmasana* over *bhadrasana*. Wears curly hair, two necklaces, *yagnopavita*, bracelets, armlets, waist band and *padasaras*. The right hand is in *suchi* pose while the left hand is in *varada* pose. The fingers of the hands were broken during transit. Bronze. Height 28½"; breadth 7½".
- 562 243/53 Durga stands on the *padmasana* over *bhadrasana* which has a *prabha* encircling the entire figure. Bronze. Height 8½"; breadth 4½".
- 562 244/53 Kali stands erect on *padmasana* over *bhadrasana* which has spikes to receive a *prabha*. Wears hair worked elaborately with frills. Crescent moon is found on it. *Simhakuundalas*, necklaces, serpent for breast-band, *kapalamala*, *chhannavira* and minutely worked lower garment are seen. *Valayas* and *padasaras* are seen on legs. A lotus in the upper right hand, a *pasa* in the upper left, a *khadga* in the lower right and a *kapala* in the lower left are held. Bronze. Height 16"; breadth 6".
- 562 245/53 Pitha or *bhadrasana*. Seems to belong to a *Somaskanda* group. Bronze. Height 6½"; length 29"; breadth 15½".
- 562 246/53 Trident with rosette and floral designs on it. Bronze. Height 15"; breadth 12".
- 562 247/53 Devi as *Mahishasuramardini* seated with right leg on pedestal and the left leg hanging. Wears the *jata* in *jwala* form, and other ornaments. Has eight hands. The four right hands hold *sula* which is piercing the demon shown lying on his back on the pedestal, sword, vulture and *mardala* respectively. The four left hands hold *damaru*, bell, shield and *kapala*, respectively. A *prabhavalis* is around the figure on its back. The *pitha* is damaged at the back. Bronze. Height 6½"; breadth 5½".
- 562 248/53 Bugle in three pieces.

(Items Nos. from 235/53 to 248/53 were acquired from treasure-trove unearthed at Thambikkottai Vadakadu, Pattukkottai taluk, Tanjore district.)

- 569 249/53 Devi as Parvati stands on the two *asanas*. Wears *kiritamakuta*, *makarakundalas*, *haras* and other ornaments. Holds lily in right hand. *Sirascakra* is present. Bronze. Height 2' 4½"; breadth 8".
- 569 250/53 *Kundika* or spouted vessel, broken. Bronze. Height 8".
- 569 251/53 Bell without handle, broken at the mouth. Bronze. Height 4½".
- 569 252/53 Hanging lamp with chain. Total length 1' 4½".
- 569 253/53 Handle of a lamp with floral and animal designs at one end. Bronze. Height 5½".

(Items Nos. from 249/53 to 253/53 were acquired from treasure-trove unearthed at Manthakkudipatti, Tiruppattur taluk, Ramanathapuram district.)

- 576 254/53 Vishnu stands on *padmasana* over *bhadrasana*. A detachable *prabha* is attached to *padmasana*. Upper hands hold discus and conch. Lower right hand holds a *padma* (?) and the lower left hand holds a *gada*. Behind the *kirta* is a halo. Other usual ornaments are present. Bronze. Height (with *prabha*). 18"; breadth 9".
- 576 255/53 Cup with wide mouth. Damaged a little. Brass. Diameter 5½"; height 2".
- 576 256/53 Pedestal (or cup) of previous item. Brass. Height 2½".

(Items Nos. from 254/53 to 256/53 were acquired from treasure-trove unearthed at Elumagalur, Mayuram taluk, Tanjore district.)

Treasure-trove number.	Accession number.	Particulars.
<i>A. Acquired by the Museum—cont.</i>		
<i>Archæology—cont.</i>		
580	258/54	<i>Siva as Natesa</i> . Dancing on <i>Muyalaka</i> who is seen on <i>padmasana</i> over <i>bhadrāsana</i> . Other usual features are present. Bronze. Height 9"; breadth 6".
580	259/54	<i>Devi as Sivakamasundari</i> stands on the two <i>asanas</i> . Right hand in <i>kataka</i> pose and the left is in <i>lola</i> . <i>Karandamakuta</i> and <i>sirascakra</i> are present. Bronze. Height 6½"; breadth 2".
580	260/54	<i>Nandikesvara</i> with consort on a <i>pittha</i> . This is loosely placed on a pedestal with the two usual <i>asanas</i> . Copper. Height 3½"; breadth 2¼".
580	261/54	<i>Balasubrahmanya</i> dancing in the usual style. Copper. Height 5½"; breadth 2¼".
580	262/54	<i>Kali</i> seated on small <i>padmasana</i> over <i>bhadrāsana</i> . Holds <i>damaru</i> and <i>sula</i> in the right hands and <i>pasa</i> and <i>kapala</i> in the left hands. Copper. Height 3½"; breadth 2½".
580	263/54	<i>Bhairava</i> with four hands. The dog stands behind him. Copper. Height 3"; breadth 2½".
580	264/54	<i>Devi</i> with two hands, seated on a <i>bhadrāsana</i> . Holds a bud in her right hand and the left is in <i>varada</i> pose. <i>Karandamakuta</i> and <i>sirascakra</i> are present. Copper. Height 3"; breadth 2".
580	265/54	<i>Devi</i> with two hands, seated on a <i>bhadrāsana</i> . Holds a bud in her right hand and the left is in <i>varada</i> pose. <i>Karandamakuta</i> on head. Copper. Height 2½"; breadth 1¼".
580	266/54	<i>Paryati</i> stands on <i>padmasana</i> in the <i>tribanga</i> pose. Holds a bud in her right hand. <i>Karandamakuta</i> and <i>sirascakra</i> are present. Copper. Height 3"; breadth 1".
580	267/54	<i>Devi</i> with interesting <i>karandamakuta</i> and lower garment. Holds a bud in her right hand. Copper. Height 3"; breadth 1".
580	268/54	<i>Devi</i> standing in the usual style. No bud is seen in her hand. Copper. Height 3"; breadth 1".
580	269/54	<i>Ganesa</i> standing in the usual style. The <i>pasa</i> in the left upper hand is broken and missing. Copper. Height 2½"; breadth 2".
580	270/54	<i>Rahu</i> . A canopy of five hoods of a serpent whose tail portion encircles the leg portion of <i>Rahu</i> . He is seen in <i>anjali</i> pose. Copper. Height 2"; breadth 2".
580	271/54	<i>Siva Panchayatana</i> group. At the centre is a globular object. In front of it is a <i>linga</i> on <i>yoni</i> . Behind are three figures. On either side is a figure. A water chute is found on the right. Copper. Height 1¼"; breadth 1½".
580	272/54 to 282/54.	<i>Sivalingas</i> of different sizes made of soap stone. Of these, the <i>lingas</i> of item Nos. 274/54, 279/54 and 281/54 are loose, and the <i>yoni</i> of No. 282/54 is broken.
580	283/54	<i>Bhairava</i> indistinct. Soapstone. Height 1½"; Breadth 1".

(Items Nos. from 258/54 to 283/54 were acquired from treasure-trove unearthed at Thalaiyaduvarukoilpattu, Mayuram taluk, Tanjore district.)

Treasure-trove number.	Particulars.	Metal.	Number found.	Number recovered.	Number acquired.
(1)	(2)	(3)	(4)	(5)	(6)

*B. Not acquired.**Archæology.*

563	Peedam of a diety with the right leg (without the toe) soldered with the peedam made of an alloy of copper and brass.	Copper and brass.	1	1	Nil.
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Treasure trove number. (1)	Particulars. (2)	Metal. (3)	Number found. (4)	Number recovered. (5)	Number acquired. (6)
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*B. Not acquired—cont.**Archæology—cont.*

567	1 Bell metal vessel (charakk) with two holders and edge broken (1).	Bell metal and brass.	9	9	Nil.
	2 Bell metal vessels (uruli) edges broken (2).				
	3 Small bell metal vessels (uruli) (2).				
	4 Brass plate (thalam) with hole (1).				
	5 Bell metal vessel (vengalapana) with broken edges and hole (1).				
	6 Brass kolambi with hole (1) ..				
	7 Old pitcher with holes (1) ..				
579	1 Nataraja. Height 4½' ..		7	7	Nil.
	2 Somaskanda Moorthy. Height 2' ..				
	3 Sivagami Ambal. Height 2½' ..				
	4 Gowri Ambal. Height 2½' ..				
	5 Tirugnanasammandar. Height 2½' ..				
	6 Mahaganapathy. Height 1½' ..				
	7 Broken pieces of copper plates, broken plates and pieces.				

Anthropology.

534	1 Ornament for the neck (unbroken 3).	Gold ..	28	28	Nil.
	2 Ornament (broken 8) ..				
	3 Ornament for the ear with knob 4.				
	4 Ornament for the ear without knob 1.				
	5 Another ornament for the ear 4.				
	6 Thalikulal 2				
	7 Small rings 3				
	8 Rings (big) 1				
	9 Gold bits 2				
560	1 One gold chain with pendant ..	Gold ..	1	3	Nil.
	2 Silver piece	Silver ..	..	..	Nil.
	3 Several bits of chain in gold ..	Gold ..	..	..	Nil.
561	One pair gold kammals and one pair of gold koppus with strings attached.	Do. ..	2	2	Nil.
564	Eight tiny gold pieces weighing in all 15/32 tolas and estimated at Rs. 14 found in a container in the earth.	Do. ..	8	8	Nil.
568	1 Gold ingot	Do. ..	1	1	Nil.
	2 One gold piece like pottu ..	Do. ..	1	1	Nil.
571	A copper pot with a closed brass lid.	Copper ..	1	1	Nil.
573	Gold thali	Gold ..	1	1	Nil.
574	1 One Amman embossed plate about 1'.		4	4	Nil.
	2 Two feet				
	3 Four gold pieces				
	4 One small red stone				
577	1 Gold karai	Gold ..	1	1	Nil.
	2 Two Gold karai	Do. ..	2	2	Nil.
	3 Four Gold ear-rings	Do. ..	4	4	Nil.

Treasure- trove number.	Particulars.	Metal.	Number found.	Number recovered.	Number acquired.
(1)	(2)	(3)	(4)	(5)	(6)
<i>B. Not acquired—cont.</i>					
Anthropology.					
581	1 Kuppis which would be placed on a small gold umbrella for an idol (containing lac inside). <i>Six.</i>	Gold	13	13	Nil.
	2 Kuppi on the top of umbrella fixed with a book. <i>One.</i>				
	3 Small plates. <i>Two</i>				
	4 Small cobra Nagar made of wire. <i>One.</i>	Silver	5	5	Nil.
	5 Small wire. <i>One</i>				
	6 Rings made up of silver. <i>Two.</i>		1	1	Nil.
582	1 Gold ornaments				
	2 Metal urn which contained the above find.				

APPENDIX III.

OTHER NOTABLE ADDITIONS TO THE COLLECTION.

Accession number.]	Particulars.
<i>Anthropology.</i>	
3/53	Stone Tjurunga. Mac Donnell Ranges. Not incised.
4/53	Stone Tjurunga. C. Australia. Incised.
5/53	Stone Tjurunga. C. Australia. Incised with human hair string.
6/53	Wooden Tjurunga. Alice springs. Incised.
7/53	Wooden Tjurunga. C. Australia. Incised.
8/53	Wooden Tjurunga. C. Australia. Incised.
9/53	Wooden Tjurunga. C. Australia. Incised.
10/53	Wooden Tjurunga. C. Australia. Not incised.
11/53	Wooden Tjurunga. Mac Donnell Ranges. Not incised.
12/53	Wooden Tjurunga. C. Australia. Not incised.
13/53	Wooden Tjurunga. C. Australia. Incised.
14/53	Wooden Tjurunga. C. Australia. Incised.
15/53	Comb used by aborigines of N. Guinea.
16/53	Comb used by aborigines of N. Guinea.
17/53	Comb used by aborigines of N. Guinea.
18/53	Twenty-five photographs of Australian aborigines.
	(Items 3/53 to 18/53 obtained by exchange from Dr. Herbert M. Hale, Museum Director, The South Australian Museum, North Terrace, Adelaide.)
19/53	A Chinese Mandarins coat of sapphire blue satin with bats, gourds and flowers embroidered on it and worn by officials on ceremonial occasions from Shanghai, China, presented to Museum by Dr. E. K. Mackay, M.A. (Oxon.), M.R.C.S., L.R.C.P. (Eng.), D.T.M. Ramanagiri, Tiruvannamalai, North Arcot district.
21/53	Iron Anchor with 15' long stem for cable with two barbed prongs 6' 3" long and a ring 2' 6" in diameter. Transferred from the compound of the Collector's Office, Madras, in a very highly corroded condition.
22/53	Seven photographs of the Australian aborigines obtained by exchange from Dr. Herbert M. Hale, Museum, Director, The South Australian Museum, North Terrace, Adelaide.
1/51	Dagger of steel with inlay work on back of handle and blunt edge, single edged with tip damaged, 32 c.m. long.

ADMINISTRATION REPORT OF THE

Accession
number.

Particulars.

Anthropology—cont.

- 2/54 Sword of steel with ornamented hilt and guard covered with plating of white metal. Single edged, slightly curved at tip, blade is rusty and has two knobs in middle depressed to the blunt side. 93 c.m. long.
- 3/54 Sword of steel with plain hilt and guard, blade slightly covered at free end, depressed towards the blunt side with designs on blade nearer the hilt which are disappearing, 91.5 c.m. long.
- 4/54 Sword of steel with hilt and guard painted and a long projection above the hilt, single edged blade straight with three lines running on either side of the blade, 121 c.m. long.
- 1/54 to 4/54 Presented to the museum by Sri M. Kamaraja Pandiyan, 52, Leith Castle, San Thome, Madras-14.)
- 5/54 Montenegro man. National costume. 14" high.
- 6/54 Montenegro woman. National costume. 14" high.
- 7/54 Serbian man. National costume. 14" high.
- 8/54 Serbian woman. National costume. 14" high.
- 9/54 Bosnian man. National costume. 14" high.
- 10/54 Bosnian woman. National costume. 14" high.
- 11/54 Croatian man. National costume. 14" high.
- 12/54 Croatian woman. National costume. 14" high.
- 13/54 Slovene man. National costume. 14" high.
- 14/54 Slovene woman. National costume. 14" high.
- 15/54 Dalmatian man. National costume. 14" high.
- 16/54 Dalmatian woman. National costume. 14" high.
- 17/54 Bosnian man. National costume. 8" high.
- 18/54 Bosnian woman. National costume. 8" high.
- 19/54 Slovene woman. National costume. 8" high.
- 20/54 Croatian man. National costume. 8" high.
- 21/54 Croatian woman. National costume. 8" high.
- 22/54 Montenegro man. National costume. 5" high.
- 23/54 Serbian man. National costume. 5" high.
- 24/54 Serbian woman. National costume. 5" high.
- 25/54 Bosnian man. National costume. 5" high.
- 26/54 Bosnian woman. National costume. 5" high.
- 27/54 Croatian man. National costume. 5" high.
- 28/54 Croatian woman. National costume. 5" high.
- 29/54 Croatian woman. National costume. 5" high.
- 30/54 Slovene man. National costume. 5" high.
- 31/54 Slovene woman. National costume. 5" high.
- 32/54 Dalmatian woman. National costume. 5" high.
- 33/54 Croatian woman. National costume. 5" high.
- 34/54 Fifty children's picture and story books in Yugoslav language.
(Items 5/54 to 34/54 presented to the Museum by Mr. Rodoljub, Colakovic, Federal Minister for Education, Leader of the Yugoslav Good-will Mission in India, 1953).
- 35/54 Model of S. S. San Francisco Xavier built by the Greenock and Grange-mouth Dockyard Company, Ltd., Greenock, Scotland, presented by Shri D. E. Wadia, Scindia Workshops, Ltd., Dockyard Road, Nazagon, Bombay,

Archæology.

- 257/53 Lakshmana stands on *padmasana* over a square plate. His hands are in *anjali*; a bow to his left and a similar thing to his right are found. Wears *kiritamakuta* and a quiver on his back. Copper. height 3½"; breadth 1½". Purchased.
- 629/53 Bharata Mata painting in oils by an artist of Tiruchirappalli. (Presented by Sri T. G. Gopaul Pillai, Sarasvati Mahal, Chinnakadi Street, Tiruchirappalli.)

Accession
number.

Particulars.

Archæology—cont.

- 621/53 Old Brahmin in clay. Height 14"; breadth 5½".
- 622/53 Old Brahmin in clay. Height 8½"; breadth 3½".
- 623/53 Policeman in clay. Height 10"; breadth 4".
- 624/53 Fisherman in clay. Height 6½", breadth 3".
- 625/53 Bairagi in clay. Height 8½"; breadth 3".
- 626/53 Postman in clay. Height 6½"; breadth 2½".
- 627/53 Monk in clay. Height 6½"; breadth 2½".
- 628/53 Waiting boy in clay. Height 6½"; breadth 2½".
(Items from 621/53 to 628/53 are clay toy figures painted life-like in oils. They are the products of West Bengal but were got at New Delhi.)
- 629/53 Pragmahatma, painting in tempera of the Patna School. Length 10"; breadth 14½". (Present from Sri T. Krishnaji Taravadi, Advocate,, Sowcarpet, Madras-1).
- 630/53 Portrait in oils of Mr. C. P. Pillai said to be done by Ravi Varma, but doubtful. Length 2½"; breadth 2" 1". (Present from Sri J. V. Jambulingam, Trustee, Sri Valeswarar temple, Mysapore.)
- 631/53 Vishnu in stone. It is a bas-relief. The style of the figure is of the Pallava times. The features are not very clear perhaps due to wearing. Height 4' 10"; breadth 23½". From Villupuram, South Arcot district. Acquired through Tahsildar, Villupuram.
- 632/53 Wooden tablet with two panels of carvings, showing men, women, animals, parrots and composite animals. It is painted over. Length 27½"; breadth 12"; height 2½".
- 633/53 Yantra on lotus, painting in tempera. Length 11½"; breadth 11½". (This and the previous item are presents from the Raja of Chirakkal, Malabar.
- 634/53 } Wood carvings from an old car of the Siva temple at Tiruvadanai in the
to } Ramnad district.
786/53 }
- 787/53 } Wood carvings from an old car of the Siva temple at Rajasingamangalam
to } in the Ramnad district.
914/53 }
- (Items from 634/53 to 914/53 were presented to the Museum by the Raja Saheb of Ramnad, the hereditary trustee of the temples.)
- 915/53 } Wood carvings of two old cars of the Siva temple at Cholapuram near
to } Sivaganga. (These were presented to the Museum by the Raja Saheb of
1089/53 } Sivaganga who is the hereditary trustee of the temple).
- 1090/53 Betal-box in brass. It is in the shape of a box made of strips of palmyra leaves. It is in two parts hinged together. Vinayaka, Subramanya and other deities are seen on it. Height 6½"; breadth 7½". Purchased.
- 1091/53 Kinnari in brass. It is probably the finial of a standing lamp. Height 3½"; breadth 3½". Purchased.
- 1092/53 Chinese painting in water colours. Shows branches of tree and birds of black and red plumage. Length 3' 10"; breadth 17". (Presented by Sri N. Raghavan, Ambassador for India in China.)
- 1093/54 Models house in wood. It is a fine model of an old type of house with open front yard, pials on either side of entrance, worked doorways and doors, bed room, store room, puja room, open courtyard in the middle, kitchen, and beyond this the back-yard with a cow-shed and well enclosed by a compound wall. The house is equipped with all the accessories such as the people living there in plaster, the bullock cart in wood, bullocks in plaster, beds, cot, pots, pans and several other items. Length 8' 3"; breadth 5'; height 2' 6". (Transferred from the School of Arts and Crafts, vide G.O. Ms. No. 3773, Development, dated 17th August 1953.)
- 1094/54 Mural painting of Nataraja. Copy from the original in the Padmanabhapuram palace, Travancore. Length 4½', breadth 4'. Purchased.

Geology.

- 21/1953 Carnotite.
- 22/1953 Torbernite.
- 23/1953 Autunite.
- 24/1953 Euxenite.
- 25/1953 Thorianite.
- 26/1953 An unusually large specimen of rock-crystal.

Accession
number.

Particulars.

Zoology.

2/53	A large specimen of the exotic giant gowrami (<i>Osfphonemus gowrami</i>).
3/53	Mirror carp (<i>Cyprinus caprio</i>) introduced from Germany.
4/53	Golden carp (<i>Carassius carassius</i>) introduced from England.
5/53	Tench (<i>Tinca tinca</i>) introduced from England.
6/53	Trout (<i>Salmo iridens</i>) introduced from England and New Zealand.
7/53	Cichlid fish (<i>Tilapia mossambica</i>) introduced from Africa recently.
8/53	Mrigal (<i>Cirrhina mrigala</i>) introduced from Bengal and Orissa.
9/53	The white Mullet (<i>Chanos Chanos</i>).
10/53	The Catla (<i>Catla catla</i>).
11/53	The Catla (<i>Pangasius pangasius</i>) from Mettur.
12/53	The catfish (<i>Silondia silondia</i>) from Mettur.
13/53	The giant catfish (<i>Macrones seenghala</i>) from Mettur.
14/53	The catfish (<i>Macrones aor</i>) from Mettur.
15/53	The Mahseer (<i>Barbus aor</i>) from Tungabhadra river.
(Items 2/53 to 15/53 presented to the Museum by Mr. P. I. Chacko, M.A., F.Z.S., Assistant Director of Fisheries, Freshwater Biology, Madras-10.	
16/53	One slough of the cobra (<i>Naja naja</i>) presented by Lt.-Col. T. S. Shastry I.M.S. (Retd.), 37, Venkatanarayana Road, Madras-17.
17/53	A specimen of the whip scorpion (<i>Phrynichus sp.</i>) was presented by Sri N. R. Rao, 19-A, Sait Colony I Street, Madras.
18/53	A specimen of the wolf snake (<i>Lycodon sp.</i>) was presented by Mr. W. T. Duffey, Messrs. Blackwood Hodge India, Ltd., Madras 2.
1/54	A specimen of the trinket snake (<i>Elaphe helena</i>) was purchased locally for the reserve collection.
2/54	A large specimen of the loggerhead turtle <i>Thalassochelys caretta</i> was purchased and mounted for gallery exhibition.

APPENDIX IV.

VISITORS, STAFF, ETC.

Visitors to the Museum—

	1952-53.	1953-54.
Total number of visitors	379,858	395,307
Total number on Sundays	99,973	90,527
Total number on Dvudasi day	16,077	9,804
Attendance on Kannupongal day	26,312	25,863

Staff.—Dr. A. Aiyappan, the permanent Superintendent, Government Museum, was on leave on average pay for one month from 25th May 1953 to 24th June 1953 during which period Sri C. J. Jayadev, was in additional charge of the Superintendent's duties as Superintendent-in-charge. Dr. A. Aiyappan was granted leave out of India for eight months on full average pay and one and a half months on half pay from 14th November 1953 in G.O. Ms. No. 2624, Education, dated 10th November 1953 to take appointment of visiting Professorship in the Cornell University, United State of America. The Curator for Anthropology Sri C. J. Jayadev was appointed as Acting Superintendent during the period. He continued to attend to the current duties of both the Anthropological and Zoological sections in which, the posts of Curators were kept vacant.

Photographic work.—The photographer was engaged in taking prints for record and sale to the public. A sum of Rs. 608-6-0 was realized by sale of prints and enlargements as against Rs. 815-11-0 during the previous year. During the year under report 111 negatives, 27 lantern slides and 388 bromide prints and enlargements were prepared.

Tours.—Under the orders of Government, the Superintendent toured to Badagara in October 1953 to inspect the sword hilts of gold unearthed as treasure trove for acquiring them on behalf of Government for this Museum. In January 1954 the Acting Superintendent toured to Pudukkottai to inspect the Government Museum there.

The Curator, Archaeology section toured to Cholavaram and Thiruvengampet in Ramanathapuram district in connexion with work of dismantling a wooden temple car for the removal of wood carvings. He undertook small tours around Madras like Tiruvamur, Mahabalipuram, Kancheepuram, etc., to study the sculptures scattered around these places. The photographer also accompanied him to take photographs. The Curator also toured to Tindivanam to study the Chola temple architecture. He undertook a tour to Pudukkottai and nearby villages to study the Jain sculptures. He visited Sittannaval to study the mural paintings. The Curator for Botany toured the Kambakkam forest in connexion with his study of ferns and incidentally brought a few botanical collections for the Museum. The Museum Photographer also accompanied the party to take important photographs. The Curator for Numismatics toured to Pudukkottai for studying and classifying the coin collection at the Government Museum, Pudukkottai.

Museum Theatre.—The Museum Theatre was such for 177 engagements during this year, of which 122 were dramatic performances, etc., and the rest, rehearsals and meetings. A sum of Rs. 4,474 was realized as rent as against Rs. 5,125 in the previous year. A sum of Rs. 220-8-0 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 1953-54.

Negative number.	Size.	Subject.
<i>Archaeological Section.</i>		
A. XXVIII (38)	1/2	Balakrishna dancing.
(39)	1/2	Parvati standing.
(40)	1/2	Kali standing.
(41)	1/2	Chandikesvara.
(42)	1/2	Buddha standing, from Nagapatinam.
(43)	1/2	Dipalakshmi.
(44)	1/2	Hand lamp.
(45)	1/2	Ornamental tray.
(46)	1/2	Yaksha (wood) in the attitude of supporting, from Koyambedu.
(47)	1/2	Horseman (wood) bracket figure, from Koyambedu.
(48)	1/2	Simha (wood) bracket figure, from Koyambedu.
(49)	1/2	Yali (wood) bracket figure, from Koyambedu.
(50)	1/2	Yali (wood) bracket figure, from Koyambedu.
A. XXIX (1)	1/2	Nagini in anjali (wood), from Koyambedu.
(2)	1/2	Do.
(3)	1/2	Dvarapalaka (wood), from Koyambedu.
(4)	1/2	Dvarapalaka (wood) with upper hands in <i>abhaya</i> , from Koyambedu.
(5)	1/2	Do. do.
(6)	1/2	Turbaned man. Tanjore painting.
(7)	1/2	Bearded peon. Tanjore painting.
(8)	1/2	Old man with whisks. Tanjore painting.
(9)	1/2	Princess seated. Tanjore painting.
(10)	1/2	Gajalakshmi. Tanjore painting.
(11)	1/2	Mahishamardini (stone). Late Pallava period.
(12)	1/2	Natesa (front view), from Peraiyur. (Presented to Bharat Kala Bhavan, Banaras.)
(13)	1/2	Natesa (back view), from Peraiyur (Presented to Bharat Kala Bhavan, Banaras.)

	Negative number.	Size.	Subject.
<i>Archæological Section—cont.</i>			
A. VI	(47) ..	$\frac{1}{2}$	Gommateswara (back view), from Venur.
	(48) ..	$\frac{1}{2}$	Interior of rock-cut examples of architecture.
	(49) ..	$\frac{1}{2}$	Early types of temples.
	(50) ..	$\frac{1}{2}$	Forms of early temples.
A. VII	(1) ..	$\frac{1}{2}$	Orissan temples.
	(2) ..	$\frac{1}{2}$	Types of towers of North Indian temples.
	(3) ..	$\frac{1}{2}$	Jain temples, Hampi.
	(4) ..	$\frac{1}{2}$	Vimana of sanctum of temple at Srirangam.
	(5) ..	$\frac{1}{2}$	Erotic scene (wood).
	(6) ..	$\frac{1}{2}$	Do.
	(7) ..	$\frac{1}{2}$	Do.
	(8) ..	$\frac{1}{2}$	Do.
	(9) ..	$\frac{1}{2}$	Do.
	(10) ..	$\frac{1}{2}$	Do.
	(11) ..	$\frac{1}{2}$	Do.
	(12) ..	$\frac{1}{2}$	Do.
	(13) ..	$\frac{1}{2}$	Do.
	(14) ..	$\frac{1}{2}$	Do.
	(15) ..	$\frac{1}{2}$	Do.
	(16) ..	$\frac{1}{2}$	Do.
	(17) ..	$\frac{1}{2}$	Dakshinamurti (stone) from Kaverippakkam.
	(18) ..	$\frac{1}{2}$	Horned dvarapalaka (stone), from Kaverippakkam.
A. F	(204) ..	$\frac{1}{2}$	Inscribed stone from Talangare, South Kanara.
	(205) ..	$\frac{1}{2}$	Rama, Sita, Lakshman and Hanuman and lamp. Treasure Trove, Mayuram.
	(206) ..	$\frac{1}{2}$	Kaliyakraishna, Vishnu, etc. Treasure-trove, Mayuram.
	(207) ..	$\frac{1}{2}$	Vishnu, Chakra, etc. Treasure-trove, Mayuram.
	(208) ..	$\frac{1}{2}$	Temple, Coimbatore District.
	(209) ..	$\frac{1}{2}$	Entrance to temple, Coimbatore District.
	(210) ..	$\frac{1}{2}$	Do.
	(211) ..	$\frac{1}{2}$	Mandapa, Coimbatore District.
	(212) ..	$\frac{1}{2}$	Vishnu, Kali, etc.
	(213) ..	$\frac{1}{2}$	Kali with canopy of serpent hoods.
	(214) ..	$\frac{1}{2}$	Vishnu with Sridevi.
	(215) ..	$\frac{1}{2}$	Vishnu in folk style.
	(216) ..	$\frac{1}{2}$	Nataraja and thirteen other figures.
	(217) ..	$\frac{1}{2}$	Victory Memorial at Bobbili.
	(218) ..	$\frac{1}{2}$	Two Devis.
	(219) ..	$\frac{1}{2}$	Museum Theatre (front view).
	(220) ..	$\frac{1}{2}$	Museum Theatre with gate.
	(221) ..	$\frac{1}{2}$	Museum Theatre (side view).
	(222) ..	$\frac{1}{2}$	Museum Theatre (side view with portico).
	(223) ..	$\frac{1}{2}$	Museum Theatre (right-side view).
	(224) ..	$\frac{1}{2}$	Museum Theatre with portico on the right.
	(225) ..	$\frac{1}{2}$	Museum Theatre with portico on the left.
	(226) ..	$\frac{1}{2}$	Museum Theatre (left-side view).

Anthropology.

E. II	(1) ..	$\frac{1}{2}$	Kashtha Tarang.
	(2) ..	$\frac{1}{2}$	Tanti Pansai.

Negative number.

Size.

Subject.

Anthropology—cont.

E-II—cont.	(3)	..	$\frac{1}{2}$	..	Idakka.
	(4)	..	$\frac{1}{2}$	..	Timila.
	(5)	..	$\frac{1}{2}$	..	Gummati.
	(6)	..	$\frac{1}{2}$	..	Kurichiyar hut.
	(7)	..	$\frac{1}{2}$	..	Figurine from Maski (Foote collection No. 2783-87).
	(8)	..	$\frac{1}{2}$	..	Mohenjo Daro Seals.
	(9)	..	$\frac{1}{2}$	..	Maharaja of Cochin presiding over a conference of learned pandits (1949).
	(10)	..	$\frac{1}{2}$	..	Row of Ceparisoned elephants.
	(11)	..	$\frac{1}{2}$	..	Oorakam temple, Cochin State.
	(12)	..	$\frac{1}{2}$	..	Irula women of Allappadi Valley.
	(13)	..	$\frac{1}{2}$	..	Pulluva women playing the musical drum to propitiate serpents.
	(14)	..	$\frac{1}{2}$	..	Two Moplah women and a cheruma woman weeding.
	(15)	..	$\frac{1}{2}$	..	Enadi boys, Kavali hostel.
	(16)	..	$\frac{1}{2}$	..	Marriage of Travancore Princess.
	(17)	..	$\frac{1}{2}$	..	Terrace Cultivation in Koraput, Orissa.
	(18)	..	$\frac{1}{2}$	..	Soara priest drinking palm wine.
	(19)	..	$\frac{1}{2}$	..	Soara trumpeteers blowing horns.
	(20)	..	$\frac{1}{2}$	..	Soara youth playing a flute.
	(21)	..	$\frac{1}{2}$	..	Soara youth playing a musical rasp.
	(22)	..	$\frac{1}{2}$	..	Kond wearing hornbill beak in turban.
	(23)	..	$\frac{1}{2}$	..	Kuttia Kond leader of boys dormitory.
	(24)	..	$\frac{1}{2}$	..	Gadaba woman at her loom.
	(25)	..	$\frac{1}{2}$	..	Young Gadaba woman of Koraput.

Botany.

B. X.	(20)	..	4" × 3"	..	Lac crop harvested, and <i>Acacia sundra</i> trees lopped for next inoculation, at Denkanikota.
B. X.	(21)	..	4½" × 3½"	..	Xerophytic forest floor.
B. X.	(22)	..	4½" × 3½"	..	<i>Acanthus ilioifolius</i> .
B. X.	(23)	..	4½" × 3½"	..	Sandy vegetation.
B. X.	(24)	..	4½" × 3½"	..	<i>Excoecaria</i> and <i>Agallocha</i> on the left bank, and <i>Avicennia</i> in the island, Adyar.
B. X.	(25)	..	4½" × 3½"	..	Sandy vegetation.
B. X.	(26)	..	4½" × 3½"	..	<i>Ipomaea pes-caprae</i> extending into casuarina forest, Adyar.
B. X.	(27)	..	4½" × 3½"	..	Pneumatophores.
B. X.	(28)	..	3½" × 2½"	..	Forest road.
B. X.	(29)	..	4½" × 3½"	..	<i>Spinifex</i> on the sea-shore.
B. X.	(30)	..	4½" × 3½"	..	A woody climber.
B. X.	(31)	..	4½" × 3½"	..	<i>Avicennia</i> with pneumatophores.
B. X.	(32)	..	3½" × 2½"	..	<i>Pongamia</i> , <i>Thepesia</i> and <i>Avicennia</i> in an estuarine forest.
B. X.	(33)	..	3½" × 2½"	..	Estuarine forest.
B. X.	(34)	..	3½" × 2½"	..	Estuarine vegetation at the mouth of the Coovam.
B. X.	(35)	..	3½" × 2½"	..	Estuarine forest.
B. XI.	(34)	..	6½" × 4½"	..	Harvesting lac crop, and pruning <i>Shorea talura</i> trees for next inoculation, at Galigattam R.F.
B. XI.	(35)	..	6½" × 4½"	..	A heap of <i>Shorea</i> brood lac, Denkanikota.
B. XI.	(36)	..	6½" × 4½"	..	Plantain tree with an axillary inflorescence.

Negative number.	Size.	Subject.
<i>Geology.</i>		
G.I. (34) .. 6 $\frac{1}{2}$ " \times 4 $\frac{1}{4}$ " ..		Rocks getting split by plant roots, Kambakkam.
G.I. (35) .. 6 $\frac{1}{2}$ " \times 4 $\frac{1}{4}$ " ..		Rocks broken asunder by plant roots, Kambakkam.
<i>Chemical Conservation Section.</i>		
$\frac{1}{2}$..	Bronze image of Ganesha—Accession No. 239/53 (Before restorative treatment).
$\frac{1}{2}$..	Bronze image of Parvathi—Accession No. 187/50 (Before restorative treatment).
$\frac{1}{2}$..	Bronze image of Siva—Accession No. 235/53. (Before restorative treatment).

APPENDIX VI.

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

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

Volume and number.	Description.	Number of pages.	Number of plates.	Price.
<i>Natural History Section.</i>				
				RS. A. P.
* Vol. I, No. 1, 1927.	The Littoral Fauna of Kurusadai Island in the Gulf of Mannar, with appendices on the vertebrates and plants. By various authors.	196	26	8 0 0
† Vol. I, No. 2 Part I, 1933.	Supplement to the Littoral Fauna of Kurusadai Island in the Gulf of Manaar—Polychaeta by P. Fauvel, Pycnogonida by B. Sundara Raj, and Alpheidae by F. H. Gravely.	79	1	2 0 0
† Vol. I, No. 2 Part 2, 1931.	Three Species of Alcyonaria. By Sydney J. Hickson, F.R.S. (with three test figures).	9	NIL.	0 4 0
† Vol. I, No. 2 Part 3, 1936.	Scyphomedusæ of Kurusadai Island. By M. G. K. Menon, M.A.	9	1	0 8 0
† Vol. I, No. 2, Part 4, 1937.	Supplement to the Littoral Fauna of Kurusadai Island in the Gulf of Manaar—Porifera. By M. Burton, D.Sc.	58	9	1 14 0
† Vol. I, No. 2, Part 5, 1943.	The Foraminifera of Kurusadai Island in the Gulf of Manaar. By C. P. Gnanamuthu, M.A., D.Sc., F.Z.S.	21	4	1 6 0
Vol. I, No. 2, Part 6.	Amphineura and Gastropoda of Kurusadai Island. By Thomas Satyamurti, M.A.	267	34	10 12 0
* Vol. II, 1929.	The Flowering Plants of the Madras City and its immediate neighbourhood. By P. V. Mayuranathan, B.A., Botanical Assistant, Madras Museum.	345	38	8 0 0
Vol. III, No. 1, 1930.	The Scyphomedusæ of Madras and the neighbouring coast. By M. G. K. Menon, M.A., Research Scholar, Madras University Zoological Laboratory.	28	3	1 2 0
Vol. III, No. 2, 1932.	The Hydromedusæ of Madras. By M. G. K. Menon, M.A.	32	3	1 2 0

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

Volume and number.	Description.	Number of pages.	Number of plates.	Price.
<i>Natural History Section—cont.</i>				
				RS. A. P.
Vol. III, No. 3, 1933.	The Life Histories of Decapod Crustacea from Madras. By M. Krishna Menon, M.A.	45	10	Bond in one volume. 2 6 0
Vol. III, No. 4, 1933.	Sagitta of the Madras Coast. By C. C. John, M.A., D.Sc.	10	1	
Vol. III, No. 5, 1937.	Decapod Larvæ from the Madras Plankton. By M. Krishna Menon, M.A., M.Sc.	55	9	
Vol. III, No. 6, 1940.	Decapod Larvæ from the Madras Plankton—II. By M. Krishna Menon, M.A., M.Sc.	47	8	1 8 0
Vol. IV, No. 1, 1931.	The Indian Species of Genus Caralluma (Fam. Ascepiadaceæ). By F. H. Gravely, D.Sc., and P. V. Mayurnathan, B.A., Government Museum, Madras.	28	4	1 8 0
Vol. IV, No. 2, 1938.	Supplement to the Flowering Plants of Madras City and its immediate neighbourhood. By E. Barnes, D.Sc.	46	7	1 10 0
* Vol. V, No. 1, 1941.	Shells and other Animal Remains found on the Madras Beach. I. Groups other than snails, etc. By F. H. Gravely, D.Sc.	112	NIL.	3 2 0
* Vol. V, No. 2, 1942.	Shells and other Animal Remains found on the Madras Beach. II. Snails, etc. (Mollusca Gastropoda). By F. H. Gravely, D.Sc.	110	NIL.	2 12 0
Vol. VI, No. 1, 1949.	The Thaliacea of the Madras Plankton. By R. Velappan Nair, M.Sc.	41	6	1 12 0
<i>General Section (with separate volumes for Anthropology and Archaeology respectively).</i>				
* Vol. I, No. 1, 1929.	Buddhist Sculptures from a Stupa near Goli village, Guntur district. By T. N. Ramachandran, M.A.	44	4	2 12 0
* Vol. I, No. 2, 1932.	Catalogue of the South Indian Hindu Metal Images in the Madras Government Museum. By F. H. Gravely, D.Sc., and T. N. Ramachandran, M.A.	144	23	5 8 0
* Vol. I, No. 3, 1934.	Tiruparuttikundram and its temples with appendices on Jaina units of measurement and time, cosmology and classification of souls. By T. N. Ramachandran, M.A.	260	37	11 4 0
* Vol. II, No. 1, 1930.	The Adichezhanallur skulls. By S. Zuckerman, M.A., M.B.C.S., L.B.C.P., with Notes by Prof. G. Elliot Smith, F.R.S.	24	3	1 6 0
* Vol. II, No. 2, 1931.	The Sri Vaishnava Brahmanas. By Diwan Bahadur K. Rangachari, M.A., L.T.	158	12	5 12 0
* Vol. II, No. 3, 1931.	Catalogue of the Musical Instruments exhibited in the Government Museum, Madras. By P. Sambamurthi, B.A., B.L. (Revised Edition).	25	9	2 8 0
* Vol. II, No. 4, 1937.	Social and Physical Anthropology of the Nayadis of Malabar. By A. Aiyappan, M.A.	141	12	3 2 0
† Vol. III, No. 1, 1934.	The Three Main Styles of Temple Architecture recognized by the Silpa-sastras. By F. H. Gravely, D.Sc., and T. N. Ramachandran, M.A.	26	2	1 0 0
* Vol. III, No. 2, 1936.	An Outline of Indian Temple Architecture. By F. H. Gravely, D.Sc.	23	1	0 14 0

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

† Out of stock.

Volume and number.	Description.	Number of pages.	Number of plates.	Price.
<i>General Section (with separate volumes for Anthropology and Archaeology respectively)—cont.</i>				
				RS. A. P.
*Vol. III, No. 3, 1938.	Catalogue of Venetian Coins in the Madras Government Museum. By T. G. Aravamuthan, M.A., B.L.	59	1	1 8 0
Vol. III, No. 4, 1939	Indian Epigraphy and South Indian Scripts. By C. Sivaramamurti, M.A.	280	12	14 8 0
1939	Guide to the Archaeological Galleries. An Introduction to South Indian Temple Architecture and Sculpture. By F. H. Gravely, D.Sc., and C. Sivaramamurti, M.A., and other Curators.	48	8	1 0 0
1939	Illustrations of Indian Sculpture—Mostly Southern. For use with the Guide to the Archaeological Galleries. By F. H. Gravely, D.Sc., and C. Sivaramamurti, M.A.		45	1 0 0
† Vol. IV, 1942.	Amaravati Sculptures in the Madras Government Museum. By C. Sivaramamurti, M.A.	378	85	14 8 0
*Vol. V, No. 1, 1944.	Iravas and Culture Change. By A. Aiyappan, M.A., Ph.D. (London).	204	12	16 10 0
Vol. VI, No. 1, 1952.	Possible Sumerian Survivals in Toda Ritual. By H.R.H. Prince Peter of Greece, M.A. (Hry) M.B.	24	10	6 4 0
1952.	Madras Government Museum Centenary Souvenir (1851–1951).	158	12	5 0 0
1952.	Guide to the Buddhist Antiquities. By A. Aiyappan and P. R. Srinivasan.	58		1 10 0
Vol. VII, No. 1, 1954.	Negapatnam Bronzes. By T. N. Ramachandran.			
1953	Coins of India through the ages	17	3	0 8 0

Description.

Price.

CATALOGUES (OLD SERIES).

				RS. A. P.
1.	Catalogue of Prehistoric Antiquities—By R. Bruce Foote—1901 ..			5 4 9
2.	The Foote Collection of Indian Prehistoric and Protohistoric Antiquities. Catalogue Raisonné—By R. Bruce Foote—1914 ..			2 0 0
3.	Catalogue of Prehistoric Antiquities from Adichanallur and Perumbair—By A. Rea—1915 ..			1 8 0
4.	The Foote Collection of Indian Prehistoric and Protohistoric Antiquities. Notes on their Ages and Distribution—By R. Bruce Foote—1916 ..			9 12 0
5.	Catalogue of Exhibits in the Economic Products Section except wood specimens—By S. N. Chandrasekhara Ayyar—1921 ..			2 2 0
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9.	Catalogue of Batrachia, Salientia and Apoda (Frogs, Toads and Coccolians of South India)—By E. Thurston—1888 ..			2 8 0
10.	Guide to the Natural History and Mineral Galleries—1890 ..			0 2 0
11.	Science Series No. 1—Preliminary Report on the Marine Fauna of Ramswaram—1887 ..			0 10 0
12.	Coins of Sultans of Delhi—By E. Thurston—1893 ..			0 3 0

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

† Out of stock.

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

APPENDIX VII.

RECEIPTS AND EXPENDITURE.

Government Museum.

A. Receipts.

	RS. A. P.
Sale of coins, plaster and metal casts of coins	5,322 8 0
Sale of photo-prints, copyright fees for reproduction, etc.	608 6 0
Sale of publications	1,519 4 6
Sales tax on publication	23 0 3
Rent for the use of the Museum Theatre	4,470 0 0
Overtime fee for the Theatre care-taker	520 8 0
Miscellaneous receipts	61 9 0
Total ..	12,225 3 9

B. Expenditure.

Pay of Officers—

	RS. A. P.
Superintendent, Government Museum and Associate Librarian, Connemara Public Library.	11,597 2 0
Pay of Establishment	45,366 10 0
Other charges—	
Rates and Taxes	28,873 13 7
Travelling Allowance	1,131 11 0
Other Compensatory	8,353 2 0
Dearness Allowance	22,906 13 0
Pay of Menials	3,175 7 0
Furniture and Fittings	3,227 4 3
Apparatus and Materials	1,339 2 6
Cost of specimens	1,240 4 6
Other Contingencies	17,884 15 8
Dearness Allowance to Menials	6,055 2 0
Madras Allowance to Menials	647 15 0
Other Charges	813 14 9
Total ..	1,52,613 5 3

APPENDIX VIII.

REVISED RULES FOR TAKING PHOTOGRAPHS OF THE EXHIBITS IN THE MUSEUM BUILDINGS AND THE NATIONAL ART GALLERY, MADRAS, AND FOR REPRODUCTION OF PHOTOGRAPHS.

(G.Os. Ms. No. 690, Education, dated 28th March 1953 and Ms. No. 211, Education, dated 1st March 1954.)

1. No photography is permitted inside the Government Museum or the National Art Gallery buildings:

Provided that applications from authors, scholars and others specially interested in cultural studies, for taking photographs of the exhibits in the Government Museum or the National Art Gallery will be considered on merits in special cases in which reasons to the satisfaction of the Superintendent, Government Museum, Madras, are given for the requests, subject to the following conditions:—

(i) The Superintendent, Government Museum, should record his reasons for the grant of the permission.

(ii) A copy of the order in each case should be submitted to the Government promptly for information.

(iii) Doubtful cases should be referred to the Government for orders.

2. No fee will be charged for taking exterior views of the Museum and the National Art Gallery buildings with hand-cameras (still), without the use of stand. But photography of exterior views of the buildings using movie cameras of 16 m.m. or of less format will be permitted on payment of a fee of Rs. 10 per day, and movie cameras using standard 35 m.m. film will be permitted on payment of a fee of Rs. 15 per day. Applications for this permission should be submitted to the Superintendent, Government Museum.

3. The copyright of all photographs of objects in the Government Museum vests in the Government; and no such photograph can be reproduced or published without the prior permission of the Superintendent, Government Museum.

4. No one shall reproduce any illustration or photograph contained in a publication of the Government Museum or the National Art Gallery, without the written permission of the Superintendent, Government Museum.

5. Photographs for purposes of reproduction will be charged for at the rate of Rs. 5 per photograph, irrespective of size, provided there is no objection to reproduction [G.O. No. 823, Public (General), dated 8th July 1930], with the exception of those of objects, photographs of which have already been published not less than two years before or of objects the publication of which is, in the opinion of the Superintendent, specially desirable to facilitate in the interests of research [G.O. No. 281, Public (General), dated 29th March 1933].

APPENDICES RELATING TO THE GOVERNMENT MUSEUM, PUDUKKOTTAI.

APPENDIX A.

STATEMENT SHOWING THE NUMBER OF VISITORS TO THE MUSEUM DURING THE YEAR 1953-54.

Months.	Literates.		Illiterates.		Puduh ladies.	Students and teachers.			Grand total.
	Males.	Females.	Males.	Females.		Tea. chn.	Boys.	Girls.	
1953									
April	1,353	866	3,506	3,771	..	1	5	..	9,516
May	1,379	871	3,679	3,911	48	..	..	..	9,840
June	1,328	764	3,635	3,834	..	..	..	..	9,611
July	1,442	784	3,642	3,955	..	9	90	27	9,823
August	1,489	980	3,371	3,696	74	17	165	241	9,586
September ..	1,677	840	3,589	3,859	64	13	210	11	9,885
October	1,377	675	2,989	3,241	57	21	221	..	8,232
November ..	1,310	370	3,127	3,403	69	10	77	50	8,620
December ..	1,617	839	3,532	3,826	53	3	36	..	9,714
1954									
January	1,451	848	3,017	3,279	55	33	165	147	8,595
February	1,799	987	3,436	3,766	65	15	373	33	9,968
March	1,585	840	3,523	3,333	56	12	244	26	9,791
Total	17,607	10,114	41,051	44,429	589	184	1,591	540	118,201

APPENDIX B.

LIST OF EDUCATIONAL INSTITUTIONS WHICH VISITED THE MUSEUM IN 1953-54

- 1 M.L.W.A. High School.
- 2 De Britto High School, Devakkottai.
- 3 Sarada Secondary School, Pudukkottai.
- 4 Board High School, Arimalam.
- 5 Sri Visalakshi High School, Tekkur.
- 6 Schwartz High School, Ramanathapuram.
- 7 Ranees Government Girls' High School, Pudukkottai.
- 8 Seethai Achi Higher Elementary School, Pallathur.
- 9 Ranees Municipal Elementary School, Pudukkottai.
- 10 Sri Subbarama Ayyar's Secondary School, Pudukkottai.
- 11 Dr. Alagappa Training College Model High School, Karaikudi.
- 12 Municipal School, Tirugokarnam, Pudukkottai.
- 13 District Board School, Sadayampatti.
- 14 Karaiyur School, Pudukkottai.
- 15 Sri Brahadambal High School, Pudukkottai.
- 16 S.M.S. High School, Kilasivalpatti.
- 17 S.M. Higher Elementary School, Panayappatti.
- 18 Banadurai High School, Kumbakonam.
- 19 Kulapathi Baliah School, Pudukkottai.
- 20 S.K.T. Gandhi Secondary School, Rayavaram.
- 21 Government Basic Training School for Women, Ramanathapuram.
- 22 Board Middle School, Gandhinagar, Pudukkottai.
- 23 Government Training School (Model section), Pudukkottai.
- 24 Sri Nagammal Girls' School, Tindiyanam.
- 25 Government Training School, Pudukkottai.
- 26 Jamal Mohammed College, Tiruchirappalli.
- 27 Sandapettai Secondary School, Pudukkottai.
- 28 Dr. Alagappa College, Karaikudi.
- 29 Bishop Heber High School, Puthur, Tiruchirappalli.
- 30 National College Branch Aryan Secondary School, Tiruchirappalli.
- 31 Holy Cross High School, Teppakulam, Tiruchirappalli.
- 32 S.B.F. High School, Ramachandrapuram.
- 33 Dalmia High School, Dalmiapuram.
- 34 Holy Cross College High School, Tiruchirappalli.
- 35 National High School, Mannargudi.
- 36 Sacred Heart High School, Tanjore.
- 37 B.E.S., Mandangudi.
- 38 Bishop Heber High School, Tiruchirappalli.
- 39 Sacred Heart School, Golden Rock, Tiruchirappalli.
- 40 C.S.M. High School, Pudukkottai.

APPENDIX C.

LIST OF DISTINGUISHED VISITORS.

1. Sub-Collector, Pudukkottai, on 3rd April 1953.
2. The Income Tax Officer, Tiruchirappalli, on 3rd April 1953.
3. The Sub-Regional Employment Officer, Tiruchirappalli on 3rd April 1953.
4. Hon'ble Sri C. Subramanyam, Minister for Finance and Food to the Government of Madras, on 4th May 1953.

5. Sri K. Rajaram Naidu, Parliamentary Secretary, on 4th May 1953.
6. Sri L. S. Marthandam, Assistant Collector of Central Exeise, Tiruchirappalli Division, on 6th May 1953.
7. District Forest Officer, Tiruchirappalli, on 23rd July 1953.
8. Sri S. N. Venkataraman, Headquarters Deputy Director of Agriculture, Madras, on 1st August 1953.
9. Sri K. Varadachariar, Deputy Director of Agriculture, Tanjore, on 1st August 1953.
10. Sri K. H. Subramanyam, District Agricultural Officer, Tiruchirappalli, on 1st August 1953.
11. Deputy Superintendent of Police, Pudukkottai, on 2nd September 1953.
12. The Divisional Inspector of Schools, Coimbatore Division, on 23rd October 1953.
13. The Special Officer for Education, Pudukkottai, on 23rd October 1953.
14. Sri V. S. Ganapathi Sastrigal, Advocate and Honorary Correspondent, Madras Museum, on 3rd November 1953.
15. Sri S. P. Haren, District Traffic Manager, G.I.P. Railway, on 12th November 1953.
16. A. Atwell, Esq., Department of Painting and Sculpture, Cornell University, New York U.S.A., on 16th November 1953.
17. Sri K. M. Vallatharas, M.P. and Advocate, on 2nd December 1953.
18. The District Superintendent of Police, Tanjore, on 10th February 1954.
19. Sri P. Venkataraman, Treasures Deputy Collector, Tiruchirappalli, on 20th February 1954.
20. Mrs. J. C. Rajan on 5th March 1954.
21. The District Superintendent of Police, Tiruchirappalli, on 12th March 1954.

APPENDIX D.

SPECIMENS ADDED TO THE MUSEUM DURING THE YEAR 1953-54.

Serial number and name of specimen.	Number.	Remarks.
<i>Zoology.</i>		
1 Skull of bear	1	
2 Do. dog	1	
3 Do. kitten	1	
4 Do. wild boar	1	
5 The large black scorpion (Butas afer)	2	
6 The small brown scorpion (Scorpio spp.)	2	
7 The jewel beetle (Buprestids)	2	
8 The painted grass-hopper (yellow and blue) found on the 'Madar' (Calotropis)	2	
9 The Citrus butterfly (Papilio demoleus)	2	
<i>Arts and Industries.</i>		
10 Artistically wrought palmyra leaf strip baskets—made by Nagarattar women	12	
11 Wooden chain made from a single piece with the rings artistically fitted	3	
<i>Arms and Armour.</i>		
12 A Gurkha knife with its sheath	1	
13 Korattu kambu	2	A hockey stick like missile used for throwing at hares, jackal, fox and similar animals.

APPENDIX E.

BOOKS ADDED TO THE LIBRARY.

Serial number and title.	Number of copies.	Remarks.
<i>Books presented.</i>		
1 Journal of Sri Venkateswara Oriental Institute, Tirupati, Vol. XII, No. 2	1	
2 Tirumalai-Tirupati Devasthanams—Vol. IV, No. 4 ..	1	
3 Do. Vol. IV, No. 5 ..	1	
4 Do. Vol. IV, No. 6 ..	1	
5 Do. Vol. IV, No. 7 ..	1	
6 Do. Vol. IV, No. 8 ..	1	
7 Do. Vol. IV, No. 9 ..	1	
8 Do. Vol. IV, No. 10 ..	1	
9 Do. Vol. IV, No. 11 ..	1	
10 Do. Vol. IV, No. 12 ..	1	
11 Do. Vol. V, No. 1 ..	1	
12 Do. Vol. V, No. 2 ..	1	
13 Do. Vol. V, No. 3 ..	1	
14 The Indian Literary Review, Vol. XXIII, No. 11 ..	1	
15 Do. Vol. XXIV, No. 1 ..	1	
16 Do. Vol. XXIV, No. 3 ..	1	
17 Do. Vol. XXIV, No. 5 ..	1	
18 Do. Vol. XXIV, No. 9 ..	1	
19 The Madras Act Code (General Principles and Methods of Accounts), Vol. I, Second Edition	1	
20 Report of Pudukkottai Municipality	1	

Books subscribed.

21 Journal of Indian Museums, Vol. IX (1953)	1	
22 Marg Magazine, Vol. VI, No. 2	1	
23 Do. Vol. VI, No. 3	1	
24 Do. Vol. VI, No. 4	1	
25 Do. Vol. VII, No. 1	1	
26 Man in India, Vol. XXXIII, No. 1	1	
27 Do. Vol. XXXIII, No. 2	1	
28 Do. Vol. XXXIII, No. 3	1	
29 Do. Vol. XXXIII, No. 4	1	
30 The Journal of the Numismatic Society of India, Vol. XV, Parts I and II	1	
31 Journal of Bombay Natural History Society, Vol. 51, No. 2	1	
32 Journal of Bombay Natural History Society, Vol. 51, No. 3	1	
33 Journal of Bombay Natural History Society, Vol. 51, No. 4	1	
34 Journal of Bombay Natural History Society, index and title page, Vol. 50, Nos. 3 and 4	1	

Books purchased.

35 Popular Hand-book of Indian Birds By Hugh Whistler.	1	
36 Flowering Trees and Shrubs in India	1	
37 Republic Day Souvenir	1	



DEPARTMENT OF HEALTH, EDUCATION AND
LOCAL ADMINISTRATION.

(Education.)

G.O. No. 998, 17th July 1954

Museum—Administration Report of the Government Museums, Madras and Pudukkottai and National Art Gallery for the year 1953-54—Recorded.

READ—the following paper :—

From the Superintendent, Government Museum, dated 31st
May 1954, No. 1612/54-B-2.

Order—No. 998, Education, dated 17th July 1954.

Recorded.

2. The Government Museum continued its useful work during 1953-54, the year under review. As in the previous year, two batches of teachers underwent intensive training in Museum Technique for a fortnight during May and June 1953. One hundred sets of metal casts of 32 coins representing various periods of Indian History, together with an illustrated descriptive catalogue for the purpose of identifying and studying the coins, were prepared and supplied during the year, to one hundred schools recommended by the Director of Public Instruction, so that the sets might serve as a useful teaching aid in the study of the history of India.

3. The Museum Committee and the Special Committee for the National Art Gallery were continued during the year. The Government observe that the *ad hoc* committee set up for working out the details for the opening of a Children's Section in the Museum met and discussed the matter and that necessary steps are being taken to organize that section. The Government also observe that the twenty-nine toys representative of some of the folk costumes of the various states of Yugoslavia and fifty picture books presented to the Government Museum by the Leader of the Yugoslavia Goodwill Mission to India will form the nucleus of that section.

4. The total number of visitors to the National Art Gallery and the daily average attendance during the year were 63,946 and 206 respectively as against the previous year's figures of 60,768 and 194. Thus, there was a significant increase in the visitors to the Gallery during the year and this increase definitely indicates the popularity of the Gallery among the public. Many distinguished visitors, foreign as well as Indian, had recorded their appreciation of the Gallery.

5. During the year under review, the Shanker's Weekly International Exhibition of Children's Paintings was held for a period of nine days from

4th to 12th July 1953 and it attracted a large number of children studying in the various schools in Madras City. In addition to this exhibition, 201 pictures presented by the Editor of the Shankar's Weekly and one hundred pictures selected from out of those drawn by the Madras State Children were also exhibited, during December 1953 and January 1954, in the three Municipal Towns of Kozhikode, Coimbatore and Rajahmundry.

6. Many valuable gifts were made during the year for exhibition in the Government Museum and the National Art Gallery. The Government express their deep sense of gratitude to all the donors.

7. The Government observe that the total number of visitors to the Government Museum, Pudukkottai, during the year was 113,201 the daily average attendance being 405 and that the institution continued to be popular among the public.

(By order of the Governor)

S. VENKATESWARAN,
Secretary to Government.

To the Superintendent, Government Museum.

- „ Director of Public Instruction.
- „ Accountant-General.
- „ Director-General of Archaeology in India.
- „ Revenue Department.
- „ Development Department.
- „ Librarian, Madras Legislature Library.
- „ Secretariat Library.
- „ Press.

