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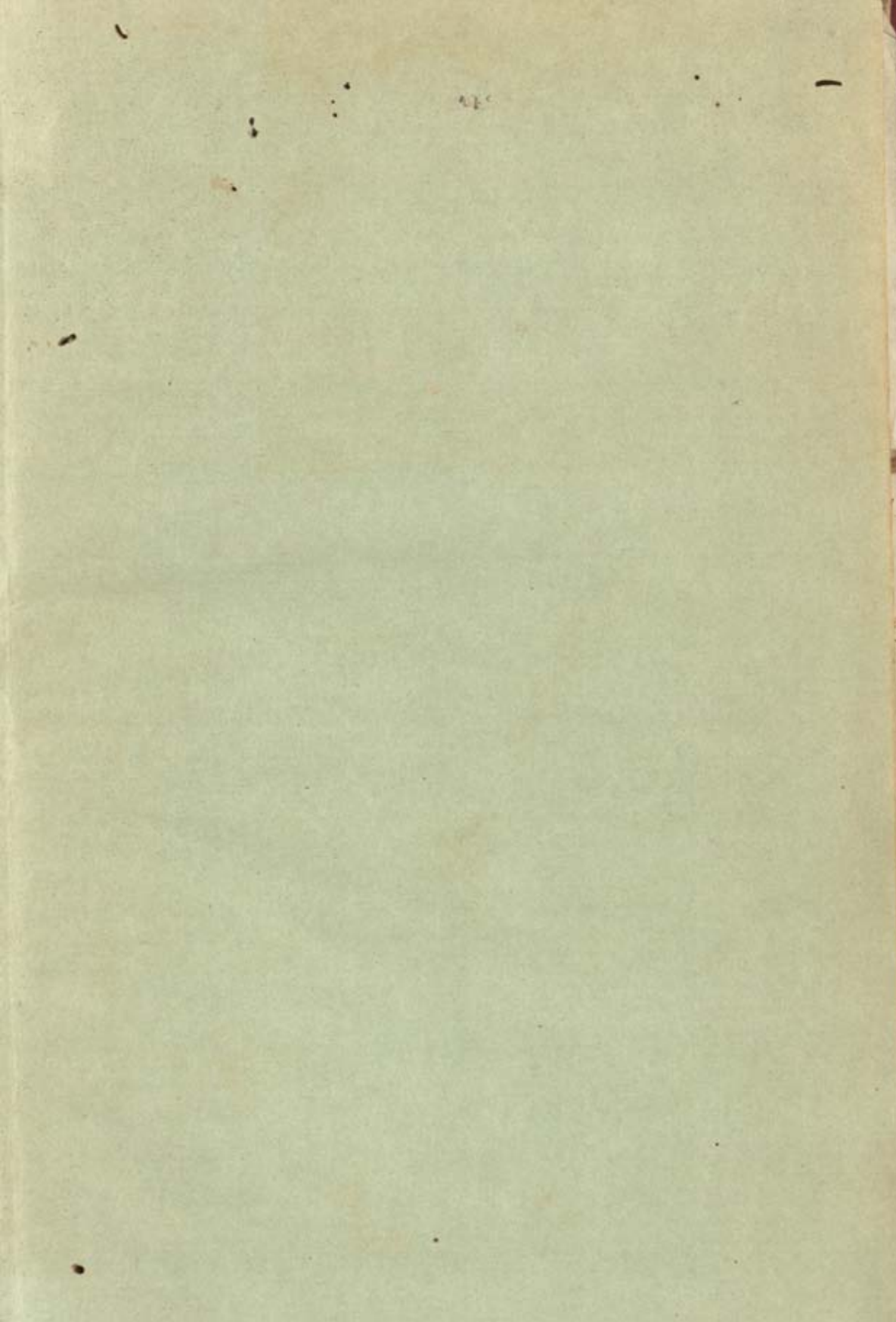
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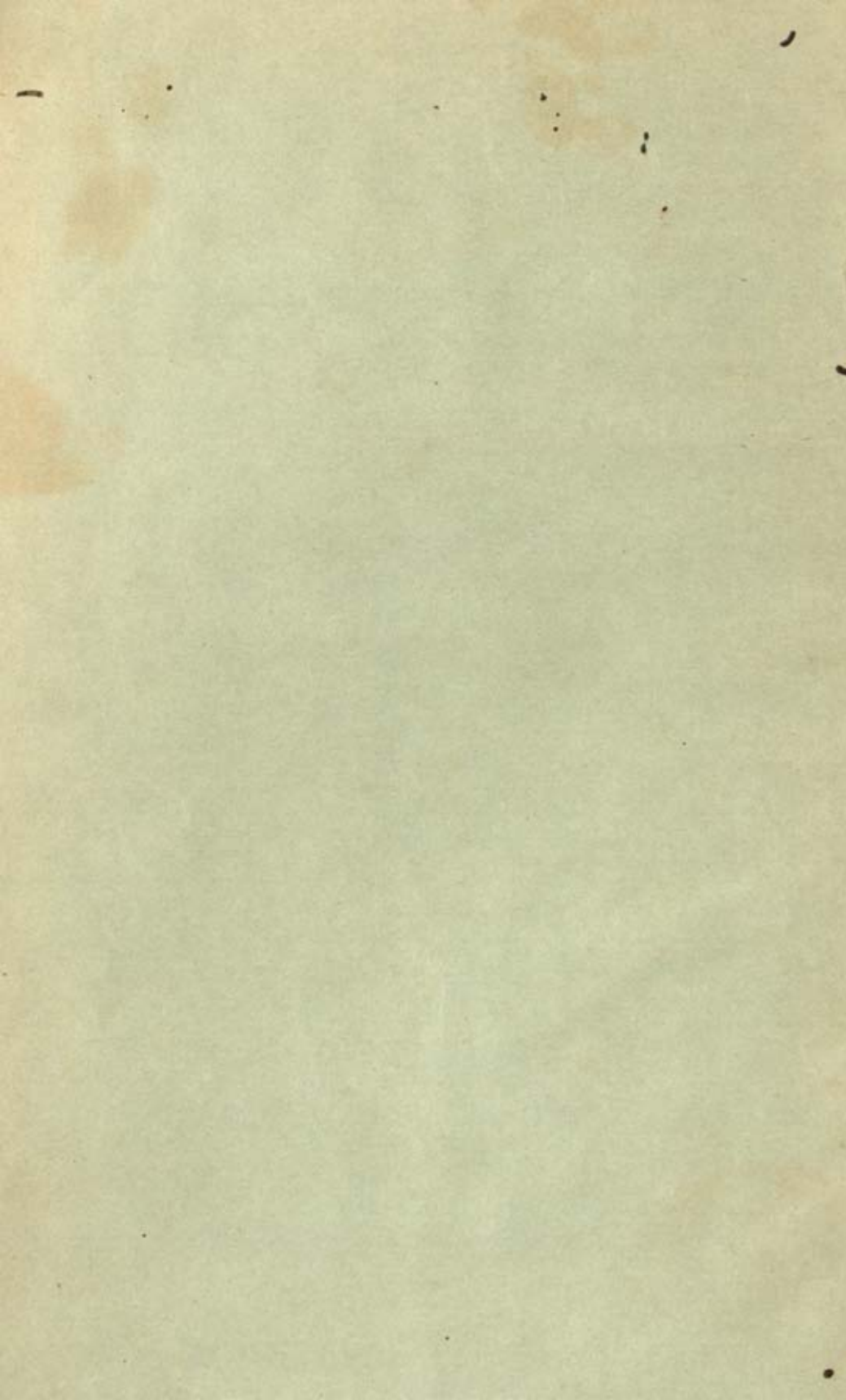
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Prince of Wales Museum of Western India

46028

**Report for the years
1956-57
&
1957-58**



Published by the Trustees

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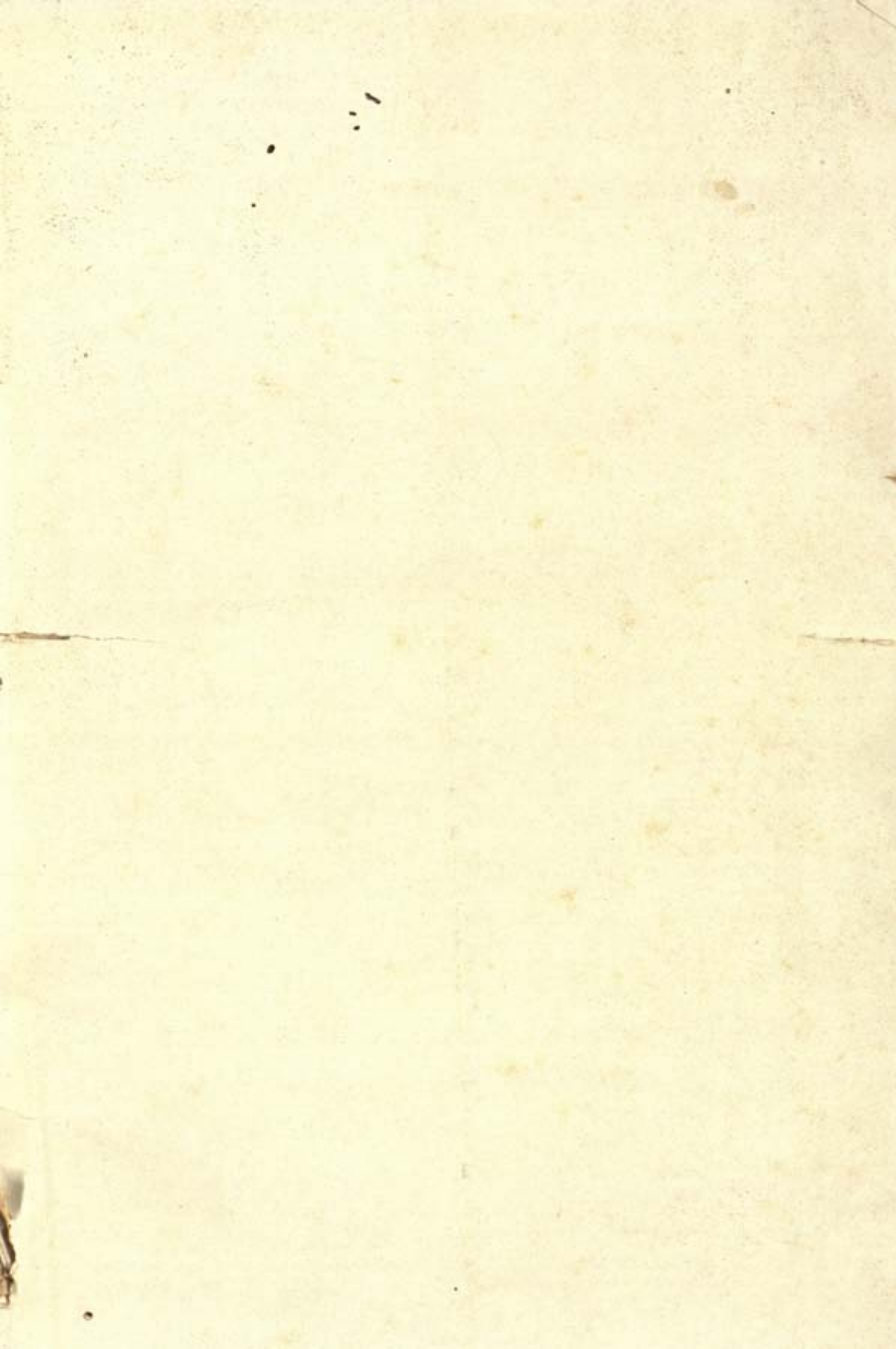
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- Sri Karl J. Khandalavala, Bar-at-Law (Government), Chairman from 25th June 1957 (elected).
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- Dr. N. N. Shah, L.C.P.S. (Bom.) (Corporation); from 4th May 1956.
- Sri Salebhoy Abdul Kader, M.L.A., J.P. (Corporation); upto 26th May 1957.
- Sri V. S. Velinkar, B.A., Bar-at-Law, (Corporation); from 27th May 1957.
- Sri P. G. Shah, M.A., B.Sc., I.A.A.S. (Retd.) (Government).
- Dr. D. G. Vyas, D.O.M.S. (London) (Government).
- Sir Rustom P. Masani, Kt., M.A., (University of Bombay); from 25th July 1957.
- Sri Humayun Abdulali, (Bombay Natural History Society).
- Sri R. E. Hawkins, (Bombay Natural History Society).
- The Hon'ble Justice Sri P. B. Gajendragadkar, M.A., LL.B., (Asiatic Society of Bombay); upto 13th January 1957.
- Sri V. D. Muzumdar, M.A., (Asiatic Society of Bombay), from 30th March 1957.
- Sri J. J. Bhabha (Tata Trustees).
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Natural History Section Committee

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- Sri Humayun Abdulali.
- Sri R. E. Hawkins.

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- Dr. Moti Chandra, M.A., Ph.D. (London), Director.
- Sri S. N. Chakravarti, M.A., Curator, Archaeological Section.
- Sri V. K. Chari, B.A., L.T., Officiating Curator, Natural History Section.
- Sri Pramod Chandra, B.S.F.S., (Georgetown, U.S.A.), Assistant Curator for Art and Archaeology.





Copper bowl decorated with hunting pattern. Mughal, dated 1583 A.D. No. 56.61

46028

Prince of Wales Museum of Western India
 Reports for the years 1956-57 & 1957-58 *Bombay*
 ANNUAL REPORTS. 1956-57 & 1957-58.

The Museum suffered a great loss with the sad demise of the late Dewan Bahadur K. M. Jhaveri who was the Chairman of the Board of Trustees since 1938, and Sri P. M. Lad a former member of the Board who had rendered valuable services to this Institution.

The Museum took part in the 'Museum Week' sponsored by the UNESCO, which was celebrated during the 2nd week of October, 1956. An exhibition of the photographic reproductions on loan from the Central Government and showing the art and architectural development of India during the early and medieval periods was arranged as a special feature of the Week. The Museum was kept open on all days of the week and no admission fees were charged on any day.

Heavy structural repairs to the Museum building were necessitated due to the corrosion of the iron reinforcement of the beams and slabs of the ceiling of the European Painting Galleries on the second floor. Expert opinion was taken by the Trustees and the strengthening of the existing R.C.C. work with guniting was decided upon. Accordingly, the work was entrusted to Messrs. Shah Construction Co., and the work of repairing Gallery No. I and the Armoury has been completed. The repairs to Gallery No. V had to be suspended due to lack of funds.

Paucity of funds is greatly hindering the work of the Museum. The Trustees have approached the Bombay Government and the Central Government for a non-recurring grant-in-aid of Rs. 65,000 each to meet the cost of the major repairs to the building estimated at Rs. 1,30,000.

A scheme for the expansion and improvement of the Museum involving a non-recurring expenditure of about Rs. 20 lakhs and an additional recurring grant of Rs. 72,720 for the additional staff for the three Sections has also been submitted.

The Bombay Government has been also requested for an additional recurring grant-in-aid of Rs. 11,000 for the maintenance of the Natural History Section in view of the proposed Revised Agreement between the Trustees and the Bombay Natural History Society whereby the Society will be relieved of its obligations to pay half the salaries of the Curator and the Assistant Curator.

With the approval of the Government of Bombay, students visiting the Museum in batches led by their teachers are now being charged concession fees @ 6 naye paise per student on Tuesdays and Thursdays.

In connection with the establishment of the Industrial Section in the Museum, negotiations are still going on between the Museum and the India and Bombay Governments.

Final judgment regarding the case pending in the courts in connection with the gold coins missing from the Museum was given and seventy-eight coins, which were in the Police custody, were received back through the Court.

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The long-felt need for cool drinking water for the large number of visitors coming to the Museum daily was fulfilled with the installation of a large water-cooler at a total cost of about Rs. 8,000.

Among the distinguished persons that paid a visit to the Museum, may be mentioned, His Excellency Mr. Chou-En-Lai, Prime Minister of the State Council of the People's Republic of China, His Highness Sheikh Ali Bin Abdulla Bin Qasim Al Thani, Ruler of Qatar and Dr. Ho Chi Minh, President of the Democratic Republic of Vietnam.

ANNUAL REPORT OF ART SECTION 1956-57.

Preservation :

Three paintings viz. The Cama Family, Portrait of a Lady by Titian and Mother & Child by Reubens required restoration. The work was handed over in the early months of 1956 to Mr. Chavda. The Cama Family painting, done by a Chinese artist, was in a bad state owing to the excess of paint and it was the opinion of the restorer that in order to preserve it, it had to be cut into two pieces. With the permission of the Trustees, this was done. Mr. Chavda also carried out satisfactorily the work of restoration of other paintings.

It was observed that in the Mezzanine floor, Indian Paintings in passe-partout had gathered moisture inside the frames leaving a thin film of salt incrustation. This had begun to affect the texture of the paints, particularly the Indian yellows. The paintings were immediately removed from their frames and treated with preservatives. It has now been decided that the paintings should not be framed between two glass panes in the future.

Eight Nepali paintings on cloth were cleaned, treated with preservatives and were remounted on new hand-made silk. The remounting and cleaning of these pictures required careful handling and restretching of the old linings. The work, naturally, took time but it was accomplished successfully, and the paintings were given a new lease of life.

Photographic Section :

Since the starting of the section, photography of Museum Exhibits and also exhibits from outside for record and study purposes was carried out. It has been the policy of the Trustees that the Museum should have the photographic records of all important works of Indian art for study and research purposes. With that end in view, the Museum Photographer and the Assistant Curator, were asked to photograph important objects of art from private and public collections. The collection of photographic negatives in the section is steadily increasing and it is hoped that after some time the Museum will have a respectable collection of negatives. The photo prints of the negatives are divided under several heads and pasted to albums which are available for consultation by scholars, students and research workers.

Loan of Exhibits :

Seventeen exhibits from the Art Section — mostly textile pieces, were loaned for the Hand-loom Exhibition at Venice, organised by the Ministry

of Commerce & Industry and were delivered to the All India Hand-loom Board. Three exhibits of the section were also loaned to the Buddha Jayanti Celebration Committee for an important Exhibition which was held at Delhi and other large cities of India. One painting of Tansen was loaned to Tata Sons Ltd., Bombay, for reproduction in their diary.

The Jain Art Exhibition Committee, New Delhi, requested the Trustees for a loan of exhibits in connection with an exhibition which they proposed to hold at Delhi. The Trustees decided to loan them illustrated copies of the *Sangrahani Sutra*, *Kalpa Sutra* and a miniature Jaina brass temple. These exhibits were personally taken to Delhi by the Assistant Curator.

Educational Activities :

In keeping with the educational policy of the Museum, attempts were made to help visitors and scholars by conducting them round the galleries. The visitors included a number of scholars who were given all facilities to study the Museum objects.

Various commercial firms and scholars were supplied with photographs for publicity and research purposes.

Films Division of the Government of India was given help in the preparation of documentaries.

The Port Trust Authorities approached the Section from time to time for expert opinion on art objects submitted to them for export. The objects brought by them were carefully examined by the section staff and the reports submitted to the Port Trust authorities for their guidance.

Acquisitions :

Amongst the numerous valuable additions made (See Appendix C) the Museum was fortunate in acquiring a series of sixty-eight miniatures from an incomplete manuscript of *Lorchanda*. The paintings constitute a most valuable document for the study of Indian painting in the 16th century A.D. It was found that though the paintings were in fairly good state of preservation, the action of copper acetate had rendered the texture of the paper weak. The paintings are being gradually repaired by strengthening the affected parts with chiffon lining.

Two paintings from an illustrated manuscript of the Ramayana of the Mughal School datable to the late 16th century were welcome additions to the Museum collections, particularly as Ramayana paintings of the Mughal School are extremely rare. Mention may also be made of three interesting Ragini paintings of Marwar origin datable to the middle of the 17th century. A woman performing sati datable to the middle of the 18th century is an interesting document on this institution.

The illustrated manuscript of the *Durga Mahatmya* in Western Indian Style dated 1554 and four illustrated manuscript of the *Balagopal Stuti* datable from the 15th to the 17th century are important examples of the Western Indian School of painting. A Nepali palm leaf manuscript of *Durga Mahatmya*

with painted wooden book covers and datable to the 14th century is another valuable acquisition as Nepali paintings on palm leaf with Hindu subjects are extremely rare. Mention may also be made of three dated Nepali cloth paintings representing *mandalas* of Vishnu.

Amongst other acquisitions, four Kashmir woollen *patkas* datable to the 18th century and some interesting ivory toys depicting the figures of an elephant, a camel and a horse of Deccani workmanship and datable to the late 17th century deserve especial mention.

The Museum had practically no collection of Indian glassware. To fill up this gap, ten glass pieces of Indian workmanship datable to the 18th and 19th century were acquired. These are representative pieces of the glass manufacturers' art from Lucknow, Hyderabad and Kapadvanj.

A superb copper bowl dated A.H.991 was acquired at the cost of Rs. 1,500. The outside of the bowl is decorated with hunting patterns and the verses from Hafiz. This cup, which was dedicated to Hazarat Abdulla Al-Hussain by Safiya Begam, is one of the finest examples of Mughal metalware of the Akbar period.

The Museum received as gifts twenty paintings on mica of the South Indian school of the 19th century through the generosity of Mr. J. A. Bingham of Nottingham, England.

Educational Tours :

The Assistant Curator visited the National Defence Academy at Khadakvasla and had consultations with the Wing Commander Oka, in-charge of the Academy Museum. He submitted suggestions to him regarding the setting up of a military museum at the Academy.

The Assistant Curator also went on a tour to Baroda and Ahmedabad. At Baroda, he studied the collections of the Baroda Museum and at Ahmedabad, he surveyed the paintings and bronzes in the collections of the Jain Bhandaras. He photographed a large number of paintings and bronzes and these should be useful in the publication of the forthcoming Museum memoir on painting and to scholars in general.

Re-organisation of Galleries :

Gallery No. 4 on the Mezzanine floor which had been painted and furnished with adequate lighting arrangements, was re-organised and a number of paintings acquired by the Museum in recent years were put on show.

The work on labelling was also continued.

Research :

Research work by the members of the staff was continued. The Director and the Assistant Curator devoted their time in writing research and popular articles for various journals. The Director also spent some time in studying materials for the forthcoming memoir on pre-Mughal painting. The work on the publication of the Museum Bulletin was also continued.

ANNUAL REPORT OF ART SECTION 1957-58.

Repairs and Restoration of the Paintings :

The Indian Paintings were examined from time to time and if any deterioration was detected, they were suitably treated. The main drawback with Indian paintings is weakness of the texture of the paper often due to the use of copper acetate as an ingredient of colour.

The illustrated paintings of the Lor-Chanda series acquired last year were found badly affected by the action of copper acetate, and the texture of the paper was generally speaking brittle and weak. In order to stop further deterioration in the paintings, the affected portions are being strengthened with chiffon and mounted separately.

Rearrangements in the Galleries :

Owing to the structural defects in the galleries on the top floor, it was decided by the Trustees to close the galleries to the public for repairs. This entailed much heavy work. European paintings, arms, silverwares, glasswares, ivories and textiles had to be removed and properly stored. This was necessary as it was found that when the repairs were actually in progress, a lot of cement and dust entered the cases. It is hoped that as soon as the work is completed, the galleries will be re-arranged completely.

The Textiles Gallery which had to be closed owing to the repair work in the gallery, was rearranged and case-wise registers of the textiles on display as well as those stored were prepared.

The armour section has been rearranged in a more scientific manner. This necessitated the removal of certain exhibits in order to prevent overcrowding. Neutral mushroom greys have been used as background and sloping pedestals have been provided to give prominence to exhibits. The cases have been entirely repolished according to a method suggested by Mr. Russel, the U.N.E.S.C.O. expert who was in India to advise the National Museum. Historical arms have been separated so that their historical and aesthetic values could be studied at leisure. The arms have been grouped according to their types. It was also decided to rearrange cases in the Key Gallery. The Indian Jade case was provided with fittings and a large number of pedestals of modern design. The Armour case in the Key Gallery has been entirely transformed and now depicts the various kinds of Indian arms and armour.

Photographic Section :

The Photographic Section is engaged in preparing photographs of the Museum collections as well as other collections for research and record purposes. There is good demand for photographs from scholars and publishers. Unfortunately, owing to the exchange restrictions and the consequent shortage of material the activities of the photographic department have suffered a set-back. Registering and preparation of albums is proceeding gradually and as soon as conditions improve the work of preparing fresh negatives will be undertaken.

Labelling and Card Indexing :

The work of Card-Indexing on the Museum Exhibits of the Art Section was taken in hand and a part of the collections have been already card-indexed. During the course of card-indexing, it was found necessary to revise or enlarge the descriptions as appearing in their registers and this is being done with a view to ensure more scientific accuracy.

The Museum draughtsman prepared a good number of labels for the section exhibits. The writing of labels on hard-board, however, is a slow process and alternative means are being devised to hurry up the labelling of the exhibits.

Checking of Exhibits :

The regular checking of silver and gold exhibits including coins is being attended to every month in order to ensure the safety of exhibits. The Director asked the Curator, Archæological Section, to make a trial checking of exhibits selected at random from the collections of the Art Section. They were located and found in order.

It was also decided that the physical verification of all exhibits in the section should be made. There are more than 10,000 exhibits in the section and the task of checking and re-checking them occupies the major portion of the staff's time. Simultaneously, it was decided to prepare case-wise and location registers in order to facilitate location of exhibits whenever they are called for. The major part of the work is over.

Educational Activities :

During the past years the staff of the Museum has given all help to students and research workers. The publication of the Museum Bulletin was delayed as contributions were not easily forthcoming but now it is hoped that the Bulletin will be published early next year.

Loan and Gifts of Exhibits :

As usual, the Museum extended its co-operation to Tata Sons, Ltd., in the preparation of their diary, and nine paintings of birds and animals were loaned to them. Three paintings were also loaned to the Editors, Lalit Kala Akadami. At the request of the Government of India, the Trustees approved the gift of six exhibits to the Malaya University Museum.

Acquisitions :

During the year under report, some interesting Mughal, Rajasthani and Deccani paintings, glassware, some illustrated Jaina manuscripts, etc., were acquired. (See Appendix C).

Srimati Pupil Jayakar presented a piece of Kinkhab cloth and a fragmentary Coptic textile. Srimati Madhuri Desai presented two interesting Ragini paintings, probably of the Marwar School.

The most interesting gift to the Museum was made by an anonymous American friend through Mr. Stewart C. Welch Jr. of the Fogg Art Museum, Harvard University. This portrait bust of Jehangir datable to about A.D. 1620 is a beautiful example of Mughal portraiture. Mr. Welch himself donated one painting of the Malwa School datable to the end of the 17th century and a small figure of the Roman God Pan datable to 2nd or 3rd century and found in a Calcutta shop. The thanks of the Trustees were conveyed to the donors.

PROGRESS REPORT OF THE ARCHAEOLOGICAL SECTION FOR THE YEAR 1956-57

Rearrangement of Galleries :

During the year under report a new gallery in the Main Building has been thrown open to the public. It has been named Gallery of Miscellaneous Antiquities and divided into three portions. In one portion of the Gallery are exhibited enamelled tiles from some Muhammadan monuments of Sind and Gujarat. These tiles were used as dadoes, panels, string courses, arch rings and formed geometrical and foliage designs. Some are ornamented with two colours, a deep rich blue and pale turquoise on white background. Others are ornamented with green, brown, orange and purple colours. The two-colour scheme may be placed earlier than the multi-colour scheme, the former to the 15th and 16th centuries A.D. and the latter to the 18th and 19th centuries. The second portion of the Gallery contains terracotta figures of Maurya, Sunga, Kushana and Gupta dates. In the third portion are displayed wooden sculptures of south India dating to the 17th century A.D. A few painted wooden sculptures of Gujarat will also be exhibited in this portion. These appear to belong to an earlier period.

Another new gallery, called the Anthropological Gallery, has been also thrown open to the public in the Extension Building. It contains objects in use by the Bonda, Gond, Warli and other aboriginal tribes of Bombay. As there is much space in the Gallery more exhibits for display are required. The President of the Anthropological Society of Bombay has been approached in the matter. It is also hoped to get more exhibits from the collections of the noted anthropologist Dr. Verrier Elwin.

Labelling of Exhibits :

Since it has been decided to write both in Hindi and English, labels are being drafted afresh. In order to expedite the work a permanent Marksman-Artist has been appointed. The Indian sculptures in the Sculpture Gallery and in the North and South Verandahs have now labels both in Hindi and English. The Assyrian and Egyptian stone sculptures displayed in the Foreign Gallery also have labels in Hindi and English. The same is true of the Bronze Gallery. For the Prehistoric Gallery labels in Hindi and English have been drafted and the Epigraphical Gallery has been taken in hand.

Acquisition of Antiquities other than Coins :

The most important of the acquisitions made during the year are the Sopara Ninth Rock Edict of Asoka Maurya ; a Silahara Copper-plate grant (5 plates with seal) of Mummuniraja, dated Saka 980 ; an inscribed temple bell, dated V.S. 1220 ; and a terracotta seal of Kushana date.

Numismatic Section :

The reorganisation of the Coin-Room is steadily progressing on the lines indicated in the last year's report. The coins added to the Museum Cabinet during the year under report are given separately (see Appendix A). Besides coins, the following objects were also acquired: a gold ear pendant found along with Vijayanagar coins, a commemorative silver medal issued at the siege of Srirangapattam on 28 Zil — qida 1213 A.H. — 4th May 1799 A.D., two copper signet rings of the Maratha period and eight coin dies of the Gaekwads (Ahmadabad mint). Among the Treasure Trove coins examined, the following may be mentioned: Baroda hoard of 184 copper coins of the Sultans of Gujarat; Ahmadnagar hoard of 25 Maratha silver coins; and Ramdurga hoard of 12 South Indian gold coins. Besides, coins sent by other Museums and by private individuals were examined. Among these were 5531 coins of the Kolhapur Museum sent by the Director of Archives, Bombay State.

ANNUAL REPORT OF THE ARCHAEOLOGICAL SECTION FOR THE YEAR 1957-58

Prehistoric Dioramas :

The preparation of dioramas for the Prehistoric Gallery is a new venture undertaken by the Archaeological Section. Already, one diorama depicting a view of the Harappa culture had been prepared and exhibited a couple of years back. Since then visitors, chiefly students, have been assembling in the Prehistoric Gallery in large number and spending longer hours in viewing the exhibits, evidently with keen interest. Emboldened by the success, plans have been made for preparing three more dioramas for the Prehistoric Gallery.

In these dioramas all the aspects related to the life and environment of man in the palaeolithic, middle palaeolithic and upper palaeolithic periods will be illustrated.

Acquisition of Antiquities :

The collection of sculptures has been enriched by the addition of five remarkable specimens. They were collected from North Gujarat by the Assistant Curator for Art and Archaeology, and belong to the Rāshtrakūṭa period. The finest specimen is the image of Kshetrpāla of the early Rāshtrakūṭa period. To this period belong also the bull, the colossal Gaṇapati and the Sūrya image. To the late Rāshtrakūṭa period belongs the fifth sculpture which is also Gaṇapati image.

Fifty-four coins have been added to the cabinet during the year, of which a classified list is given in Appendix B.

Research and Publication :

A handbook entitled *A Guide to the Antiquities of the Historic Period* by the Curator of the Archaeological section has just been published. It deals with sculptures, bronzes, terracottas, pottery and epigraphs. In the case of sculptures and bronzes a number of the most important specimens have been described. In dealing with terracottas, pottery and epigraphs only broad hints for study have been given. There are twenty-three plates, illustrating a number of specimens of the Museum collection.

APPENDIX A

COINS ACQUIRED DURING 1956-57.

Name of Dynasty	PRESENTED			PURCHASED			EXCHANGED
	Gold	Silver	Copper	Gold	Silver	Copper	Silver
1. Punch marked coins.			7		18		
2. Mediaeval India ..						1	
3. Indo-Sassanian ..						1	
4. Sultans of Delhi ..			1				
5. Sultans of Gujarat ..			2				
6. Bahamani ..							
7. South India ..					5	20	
8. Mughal ..		63	48	4	1	4	1
9. East India Co. ..			13		4		
10. Indo-Portuguese ..			1				
11. Indo-French ..						1	
12. Indo-Dutch ..			1				
13. Native States ..		22	11		25	17	
14. British India ..			1				
15. Ancient China ..			25				
Total ..		85	110	4	53	44	1

APPENDIX B

COINS ACQUIRED DURING 1957-58.

Dynasty	PRESENTED			PURCHASED		
	AV	AR	AE	AV	AR	AE
1. Punchmarked coins ..					8	
2. Indo-Greek ..		1			1	
3. Western Kshatrapas ..					3	
4. Kalachuri ..			1			
5. Chauhan ..					4	
6. Sultans of Delhi ..	3		15			
7. Sultans of Jaunpur ..				1		
8. Mughal ..			7	2	1	
9. Vijayanagar ..	2					
10. East India Company ..		1				
11. Native States ..		2				
12. Unassigned ..			2			
	5	4	25	3	17	

APPENDIX C

LIST OF ACQUISITIONS OF THE ART SECTION

1956-1958

Western Indian Paintings :

- 56-35 Illustrated Ms. of the *Durga Mahatmya* dated A.D. 1554. $6\frac{1}{2}" \times 4"$
(av. size of each folio)
- 56-36 Illustrated Ms. of the *Durga Mahatmya*, early 16th century A.D.
 $7\frac{1}{2}" \times 3\frac{1}{2}"$
- 56-37 One illustrated folio from Ms. of *Durga Patha* mid 15th century A.D.
(damaged). $7\frac{1}{2}" \times 4\frac{1}{2}"$
- 56-39 Eight illustrated folios from a Ms. of the *Bala Gopala Stuti*, 15th
century A.D. $9\frac{1}{4}" \times 4"$
- 56-41 Illustrated Ms. of the *Bala Gopala Stuti*, 16th century A.D. $9" \times 4\frac{1}{4}"$

Mughal Paintings :

- 56-27 One illustrated folio from a Ms. of the *Ramayana*, late 16th century
A.D. (damaged) $6\frac{1}{4}" \times 11"$
- 56-28 One illustrated folio from a Ms. of the *Ramayana*, late 16th century
A.D. $7\frac{1}{2}" \times 11\frac{1}{4}"$
- 57-11 Drinking scene, late 17th century A.D. $6" \times 3\frac{1}{4}"$
- 57-12 An acrobat lifting an elephant, c. A.D. 1625. $3\frac{1}{4}" \times 4\frac{1}{2}"$
- 58- 1 Nobleman offering jewels to a lady, second quarter of the 17th century
A.D. $9\frac{3}{4}" \times 14"$
- 58-13 Portrait bust of Jahangir, c. A.D. 1620. $8\frac{1}{2}" \times 12"$

*Rajasthani Paintings :**Marwar :*

- 56-29 Ragini Kedar, mid 17th century A.D. $6\frac{1}{4}" \times 10"$
- 56-30 Ragini Vibhasa, mid 17th century A.D. $6\frac{1}{4}" \times 10"$
- 57- 2 Raja Srinath with his ladies in the pleasure apartments, late 18th
century A.D. $8\frac{1}{2}" \times 11"$
- 57- 3 A lion, late 18th century A.D. $10" \times 7\frac{1}{4}"$
- 57- 5 Hero and Heroine proceeding to the bedroom, c. A.D. 1650. $7" \times 9\frac{1}{4}"$
- 57- 6 Portrait of Hindu Singh Kusalsinghot, mid 18th century A.D.
 $10\frac{1}{4}" \times 12"$

Marwar :

- 57- 7 Portrait of Raja Vijaya Singh, 18th century A.D. $7\frac{3}{4}" \times 11"$
- 57- 8 A leaf from a series of *Dhola Maru*, early 18th century A.D.
 $10\frac{1}{4}" \times 12\frac{1}{2}"$
- 57- 9 Hanuman informing Sugriva about the approach of Rama, mid
18th century A.D. $15\frac{1}{4}" \times 9\frac{1}{4}"$
- 57-16 Raga Vibhas, mid 17th century A.D. (damaged) $7.7" \times 6.1"$

- 58· 3 Ragini Saranga, end of the 17th century A.D. $6\frac{1}{4}" \times 8\frac{1}{4}"$
 58· 4 Ragini Madhumadhavi, end of the 17th century A.D. $6\frac{1}{4}" \times 8"$
 58· 9 A Vijnapatipatra, 18th century A.D. (in five pieces). $10\frac{3}{4}" \times 60"$;
 $10\frac{3}{4}" \times 60"$; $10\frac{3}{4}" \times 52\frac{1}{4}"$; $10\frac{3}{4}" \times 57"$; $10\frac{3}{4}" \times 49"$ and $10\frac{3}{4}" \times 49"$

Mewar :

- 56·31 Raga Vasant, end of the 17th century A.D. $10\frac{3}{4}" \times 14\frac{1}{4}"$
 56·32 Raja Amar Singh II in his palace accompanied by musicians and attendants, early 18th century A.D. $10" \times 17\frac{1}{4}"$
 57·19 Portrait of Abul Hasan Tanashah, late 18th century A.D. $9\frac{3}{4}" \times 11"$
 57·20 Marriage of Raja Surajmal, mid 18th century A.D. $11" \times 8\frac{1}{4}"$

Bikaner :

- 58· 5 An equestrian portrait of Maharaj Sujan Singh of Bikaner, c. A.D. 1720. $7\frac{3}{4}" \times 10\frac{1}{4}"$
 58· 6 Hunting scene, end of the 17th century A.D. $8" \times 10\frac{3}{4}"$

Gujarat

- 56·38 Illustrated Ms. of the *Durga Mahatmya*, dated VS 1776 — A.D. 1719. $6\frac{1}{2}" \times 11"$ (av. size of each folio)
 56·40 Nine illustrated folios from a Ms. of the *Bala Gopala Stuti*, late 16th century A.D. $8\frac{1}{4}" \times 4"$ (size of each folio)
 56·42 Illustrated Ms. of the *Bala Gopala Stuti*, early 17th century A.D. 27 illustrations. $11" \times 4\frac{3}{4}"$ (size of each folio)
 58· 8 An illustrated copy of the *Sangrahani Sutra* dated A.D. 1637. $10" \times 4\frac{1}{2}"$

Bundi-Kotah :

- 57·18 Three paintings from a *Baramasa* set, 18th century A.D. $9\frac{3}{4}" \times 13\frac{3}{4}"$
 57·21 Ravat Gokuldas at worship dated A.D. 1801 $9\frac{1}{2}" \times 12\frac{1}{2}"$
 58·19 The equestrian portrait of Karan Bhurta of Jodhpur, end of the 17th century A.D. $11\frac{1}{4}" \times 8\frac{1}{4}"$
 58·20 Raja Ragho Singh of Toda Holding Court, end of the 17th century A.D. $11\frac{3}{4}" \times 8\frac{1}{2}"$
 58·21 Krishna Dragging Kamsa by the hair, late 17th century A.D. $10\frac{3}{4}" \times 8"$

Miscellaneous :

- 56·34 Woman reading letter. Kishengarh, mid of the 18th century A.D. $14" \times 10"$
 57· 1 Illustrated Ms. of Mulla Daud's *Laur Chanda* and Sadhan's *Mainasat*. Jaunpur (?), mid 16th century A.D. average size $6\frac{1}{4}" \times 8"$ 68 illustrations, two pages with *doha*
 58·14 The congregation of many people and tribes at Kurukshetra. Malwa, end of the 17th century $14\frac{1}{4}" \times 8"$

Mixed Rajput-Mughal :

- 56·33 Woman performing sati, early 18th century A.D. $6\frac{3}{4}" \times 9\frac{3}{4}"$
 57·17 Ragini Malashri, c. A.D. 1630. $6" \times 8"$

Deccani Paintings :

- 56·26 Portrait of Shah Alam Bhadur Shah. Indur (?), 18th century A.D.
 $5\frac{1}{4}" \times 10"$
 56·46 Twenty mica Indian Paintings. South India, 19th century A.D.
 $3\frac{1}{4}" \times 4\frac{3}{4}" ; 4" \times 6"$
 57·13 A lady enjoying hukka. Shorapur, mid 18th century A.D. $6" \times 9\frac{3}{4}"$
 58·2 Portrait of a king with courtiers. Hyderabad, century A.D. 1700.
 $10" \times 14"$
 58·7 Two philosophers. Bijapur, century A.D. 1660. $7\frac{1}{4}" \times 9"$

Nepali Paintings :

- 56·45 Palm-leaf Ms. of *Durga Mahatmya* with two painted wooden book covers, 14th century A.D. $13\frac{1}{4}" \times 2\frac{1}{4}"$
 56·47 Vishnu attended by Garuda. Dated NS 804 = A.D. 1689.
 $33\frac{1}{2}" \times 45\frac{1}{2}"$
 56·48 Vishnu attended by Garuda and Sri in a *mandala*. Dated NS 804 = A.D. 1689. $28\frac{1}{4}" \times 44\frac{1}{4}"$
 56·49 Vishnu attended by gods and goddesses in a five-storeyed temple. Dated NS 807 = A.D. 1692. $32\frac{1}{4}" \times 40\frac{1}{4}"$
 58·18 Nepalese mandala, 14th century A.D. (Two side pieces, the centre being missing). $13\frac{1}{2}" \times 36\frac{1}{2}" ; 14" \times 36\frac{1}{2}"$

Modern Paintings :

- 56·62 *Beauties on Balcony* by Har Kishen Lall. $31\frac{1}{2}" \times 19\frac{1}{2}"$
 57·4 *Farmer* by Shanti Dave. $24\frac{1}{2}" \times 14"$
 57·22 *A Kashmir Woman* by K. K. Hebber. $19\frac{1}{2}" \times 23\frac{1}{2}"$

Metakware :

- 56·1 Bidri hukka bowl. Hyderabad work, 18th century A.D. $6" \times 4"$
 56·2 Walking-stick handle. Kalyani work, 18th century A.D. $5" \times 4"$
 56·3 Dagger handle. Kalyani work, 18th century A.D. $5\frac{1}{4}" \times 3\frac{1}{4}"$
 56·4 Sword hilt. Hyderabad work, 18th century A.D. $6\frac{1}{2}" \times 3\frac{1}{2}"$
 56·5 Scabbard mount. Hyderabad work, 18th century A.D. $2" \times 1"$
 56·6 Scabbard mount. Hyderabad work, 18th century A.D. $3" \times 1"$
 56·7 Scabbard mount. Hyderabad work, 18th century A.D. $3" \times 1\frac{1}{2}"$
 56·8 Scabbard mount. Hyderabad work, 18th century A.D. $3\frac{1}{4}" \times 1\frac{1}{2}"$
 56·9 Scabbard mount. Hyderabad work, 18th century A.D. $3" \times 1\frac{1}{2}"$
 56·61 Copper bowl. Mughal work (Delhi) dated A.H. 991. $6" \times 13\frac{1}{2}"$
 57·14 Minature Jaina temple. Gujarat work, 16th century A.D. $13\frac{1}{2}" \times 8"$

Metaware—(Contd.)

- 58.15 A small dark figure of the Roman god Pan. Roman work, second century A.D. Found from the neighbourhood of Calcutta 1" × 1"

Textiles :

- 56.10 Patola sari. Patan, 19th century A.D. 164" × 35½"
 56.11 Kimkhab piece. Aurangabad, 18th century A.D. 171" × 29½"
 56.12 Bed-spread. Kutch, 18th century A.D. 78" × 43"
 56.13 *Pichhwai*. Nathdwara, 19th century A.D. 34" × 52"
 56.14 Beaded *chokla*. Kutch, 19th century A.D. 26¾" × 27½"
 56.15 Beaded *chokla*. Kutch, 19th century A.D. 29" × 29"
 56.17 Woollen *patka*. Kashmir, 18th century A.D. 250" × 28"
 56.18 Woollen *patka*. Kashmir, 18th century A.D. 254" × 26"
 56.19 Woollen *patka*. Kashmir, 18th century A.D. 197" × 26"
 56.20 Woollen *patka*. Kashmir, 18th century A.D. 86" × 28"
 56.21 Brocade piece. Gujarat, 18th century A.D. 30" × 48"
 56.22 Embroidery piece. Kashmir, early 19th century A.D. 27" × 104"
 56.43 Brocade piece. Aurangabad, 18th century A.D. 69" × 29½"
 56.44 Painted and printed *parda*. Gujarat, late 18th century A.D. 61" × 89"
 57.23 Kimkhab piece. Gujarat work, late 18th century A.D. 11" × 8"
 57.24 Fragmentary Coptic textile. 12¾" × 3½"
 58.16 Jari border. Chanderi, mid 19th century A.D. 178" × 6¾"

Ivories :

- 56.23 Painted ivory toy elephant. Deccan, late 17th century A.D. 3¼" × 2½"
 56.24 Painted ivory toy camel. Deccan, late 17th century A.D. 3¼" × 2½"
 56.25 Painted ivory toy horse. Deccan, late 17th century A.D. 3¼" × 2½"

Crystal :

- 56.50 Crystal bottle with lid. Mughal work, mid 17th century A.D. 4" × 2"

Glassware :

- 56.51 Cut glass hukka bowl. Mughal work, early 18th century A.D. 7¼" × 6¼"
 56.52 Glass *pandan* cover. Mughal work, early 18th century A.D. 4" × 8"
 56.53 Glass vase. Mughal work, 18th century A.D. 7" × 3¾"
 56.54 Glass hukka bowl. Mughal work, 18th century A.D. 8¼" × 6½"
 56.55 Circular tray of green glass. Mughal work, early 18th century A.D. ½" × 5½"
 56.56 Deep blue glass rose water sprinkler. Kapadvanj, 19th century A.D. 7" × 2½"
 56.57 Blue vase with handles in light-green. Mughal work, 18th century A.D. 5¼" × 3¾"
 56.58 Rose water sprinkler. Kapadvanj, 19th century A.D. 7¼" × 2¼"

Glassware—(Contd.)

- 56-59 Green coloured water sprinkler. Kapadvanj, 19th century A.D.
 $7\frac{1}{4}" \times 2\frac{1}{4}"$
- 56-60 White glass decorated with vine patterns. Mughal work, 19th century
 A.D. $8" \times 2\frac{1}{4}"$
- 57-15 Glass inkpot. Kapadvanj, late 18th century A.D. $13\frac{1}{2}" \times 8"$
- 58-10 Blue hukka. Mughal work, early 18th century A.D. $7\frac{3}{4}" \times 6\frac{3}{4}"$
- 58-11 Globular hukka. Deccani work, mid 18th century A.D. $6\frac{1}{4}" \times 5\frac{1}{2}"$

Mother-of-Pearl Work :

- 58-12 Mother-of-pearl *jhari*. Rajasthani work, 18th century A.D. $9\frac{1}{4}" \times 9\frac{1}{4}"$

Woodwork :

- 57-10 Wooden Lacquered *chakri*. Udaipur, early 18th century A.D.
 $4\frac{1}{2}" \times 4\frac{1}{2}"$
- 58-17 Gilded wooden angel. Indo-Portuguese work, late 17th century A.D.
 $31" \times 18"$

ANNUAL REPORT OF THE NATURAL HISTORY SECTION FOR THE YEAR ENDED 1955-57

RESEARCH COLLECTIONS

The existing collections and the additions during the year under review were, conserved, classified and registered.

Vertebrata :

Mammalia.—Of the seven additions made, the following may be mentioned :—

1. The Fishing Cat-*Prionailurus viverrinus* Bennett
 Locality : On canal bank, Rohtak, near Delhi
 Donor : Dr. Kedarnath
2. The Sheath-tailed Bat-*Tophozous melanopogon* Temminck
 Locality : Kutch, Bombay State
 Donor : Sri Humayun Abdulali
3. Two captive specimens of the Slender Loris-*Loris tardigradus* Linnaeus,
 were mounted for school-children visiting the Section under the
 Nature Education Scheme.

Aves.—Of the fifty-four specimens added under this head, mention may be made of the following :—

1. The Hair-crested Drongo-*Chibia hottentota* (Linnaeus)
 Locality : Kutch Mandvi, Bombay State
 Donor : The Maharao of Kutch
2. The Fire-capped Tit-Warbler-*Cephalopyrus flamiceps* (Burton)
 Locality : Bharatpur, Rajasthan
 Donor : Sri Salim Ali

3. The large Pin-tailed Sand grouse—*Pterocles alchata* (Gmel.)
Locality : Bikaner, Rajasthan, Bombay State
Donor : The Maharaja of Bikaner
4. The Rock Bush-Quail—*Perdicula argoondah* (Sykes)
Locality : Chitor District, Rajasthan
Donor : Sri Humayun Abdulali
5. The Collared Pratincole—*Glareola p. pratincola* Linnaeus
Locality : Coimbatore, Madras State
Donor : Sri B. Subbiah Pillai
6. The Red-necked Phalarope—*Lobipes lobatus* (Linnaeus)
Locality : Bhavnagar, Saurashtra, Bombay State
Donor : Sri R. S. Dharmakumarsinhji

Reptilia.—Two juvenile Marsh Crocodiles, *Crocodilus palustris* lesson, eight lizards and twenty-seven snakes were added. Of them the following deserve special mention :—

Lacertilia :

1. *Psammophilus dorsalis* (Gray)
Locality : Badami, Bombay State
Donor : R. S. Dharmakumarsinhji
2. *Leilopisma himalayanum* (Gunther)
Locality : Liddar Valley, Kashmir
Donor : Sri D. J. Panday
3. *Agama tuberculata* Gray
Locality : Liddar Valley, Kashmir
Donor : Sri D. J. Panday

A new Lizard Register was made during the year under review.

Ophidia :

1. *Coronella brachyura* (Gunther)
Locality : Talegaon Dabade, Near Poona, Bombay State
Donor : Sri A. G. Chaphekar
2. *Sibynophis sagittarius* (Cantor)
Locality : Talegaon Dabade, Near Poona, Bombay State
Donor : Sri A. G. Chaphekar
3. *Oligodon taeniolatus* var. *alternans* Bethancourt-Ferreira
Locality : Dohnavur, Tirunelveli District, Madras State
Donor : Miss E. Bowden
4. *Lycodon flavomaculatus* Wall
Locality : Talegaon Dabade, Near Poona, Bombay State
Donor : Sri A. G. Chaphekar

Amphibia.—Seventy-seven frogs and seventy-one tadpoles of various species and nineteen toads marked additions under this head. Of them the following may be mentioned :—

1. *Philautus variabilis* (Gunther)
Locality : North Kanara, Bombay State
Donor : Dr. K. K. Tiwari
2. *Microhyla rubra* (Jerdon)
Locality : Pallasana, Palghat, Kerala State
Collector : Sri P. S. Menon
Donor : The Bombay Natural History Society, Bombay
3. *Bufo fergusonii*
Locality : Pallasana, Palghat, Kerala State
Collector : Sri P. S. Menon
Donor : The Bombay Natural History Society, Bombay

Pisces.—No additions were made under this faunal head but plaster-moulds of two specimens of the Catla-*Calla calla* Hamilton and Buchanan collected from Powai Lake, Bombay, one weighing 71½ lb. and the other 65½ lb, and donated respectively by Dr. F. R. Goldschmidt, Honorary Secretary, the Bombay Angling Association, Bombay, and Sri Iver Amore, a member of the same Association.

A cast of the former was taken and exhibited in the gallery.

A colour-sketch of a third specimen of the same species weighing 74 lb, collected in the same Lake by Sri M. A. Latif, M.L.A., was taken.

A new Fish Register was made.

Invertebrata :

Insecta.—Thirty-seven-thousand two-hundred and ninety-six insect specimens, mostly beetles, were treated with the special preservative liquid—compound recommended by the British Museum of Natural History. One hundred and sixty additions were made, most of which are common.

Public Galleries.—Although renovation of the Habitat Groups and the exhibits in different Galleries was the chief work, arrangements for displaying a few additional exhibits were made during the year under report. Several worn-out and soiled labels were renewed in all the three galleries.

Mammal Gallery.—The back and foregrounds of all the dioramas were retouched and renovated. The termite-damaged plywood panelling in the Lion and the Panther cases were replaced by tempered and termite-treated masonite.

As already mentioned two specimens of the Slender Loris *Loris tardigradus* Linnaeus which died in captivity, were mounted for the benefit of the School-children visiting the Section, under the Nature Education Scheme.

Bird Gallery.—All the habitat groups were renovated. The map showing the distribution of the Great Indian Hornbill—*Dichoceros bicornis bicornis* (Linnaeus) was renewed. The following bird-exhibits marked additions in the gallery :—

1. The Purple-rumped Sun-Bird—*Cinnyris zeylanica* (Linnaeus)
Locality : Pali Hill, Bandra, Bombay
Donor : Sri Salim Ali
2. The large Imperial or Black-bellied Sand-Grouse—*Pterocles orientalis* (Linnaeus) (male & female)
Locality : Bikaner, Rajasthan
Donor : The Maharaja of Bikaner
3. The Red Spur-Fowl—*Galloperdix spadicea* (Gmelin)
Locality : Bhiwandi, Thana District, Bombay State
Donor : Sri Humayun Abdulali

Reptile, Amphibian & Fish Gallery.—The murals on the walls of the gallery illustrating the fishing industry in Bombay, were retouched and renovated.

As already reported a model of the *Catla catla* Hamilton & Buchanan, weighing 71½ lb., from Powai Lake, Bombay, donated by Dr. F. R. Goldschmidt of the Bombay Angling Association, Bombay, was displayed as an additional exhibit in the Gallery.

Invertebrate Gallery.—The Moth and the Butterfly cases in the Bird Gallery and the Mollusc and the Insect cases in the passage Gallery on the first floor of the main building continued to represent this Gallery. The Gallery set apart for this faunal display continues to house the Reptilian, Amphibian and Piscine as also entomological and other invertebrate reference collections.

Although an attempt was made to throw open at least a part of the Gallery by clearing some of the cases storing entomological collections, work on this did not progress as the bulk of the attention of the staff and the Curator, was taken up for renovating the existing groups and exhibits and maintaining the vast reference collections.

Assistance to individuals and institutions.—Facilities for studying the reference collections were given to four persons. Instructions in skinning small mammals and birds and modelling of the reptiles and the fish was imparted to two persons, one of whom was deputed by Anjuman-i-Islam High School, Bombay.

Small mammal and reptile collections of the Madras Christian College, Tambaram, Madras, were identified.

Guided Tours.—Two batches of four hundred farmers each from Madras and Uttar Pradesh and students of the Ram Mohan High School, Bombay, were guided round the Galleries.

Wild Life & Museum Weeks.—The Wild Life Week lasted from the 1st to the 6th October 1956, during which, posters sent in by the Wild Life Department, Bombay State, Poona, were prominently displayed in all the three Galleries. Seventy-five copies of the pamphlet *Wealth of the Wild* in Marathi, Gujarati and Hindi, were distributed to the visitors.

The Museum Week had succeeded the Wild Life Week and was celebrated under the auspices of the UNESCO. Two special exhibits (1) The Prehistoric Animals and (2) the Developmental stages in a few vertebrate animals, were put up in the Section.

Interested visitors and school-children were guided around the Galleries during this Week.

Expenditure.—There were no expeditions during the year under report. A few collecting trips to the hill-stations of Bombay were however, undertaken during the monsoon. The small collections resulting out of these week-end tours, were added to the reference collections.

Nature Education Scheme.—Continued assistance was given to the scheme sponsored by the Bombay Natural History Society, Bombay, which has been doing good work for the past nine years, in the spread of intelligent interest among school-children in the study of natural history of animals and plants.

Radio Talks.—The officiating Curator gave the following talks on the All-India Radio, Bombay, for senior pupils of the High School classes, in the series Animals in India and Their Habitats.

1. Life in the Evergreen Forest
2. Inhabitants of the Deciduous Forest
3. Life in the Himalayan Forest
4. Animals of the Scrub Jungle

Acknowledgment.—The Committee wishes to place on record its grateful thanks to the various donors of specimens during the year under review especially to Mrs. C. Suter for the gift of nearly 8,000 butterflies—the property of the late Dr. C. Suter, her husband, and hopes that they will continue to extend similar co-operation and assistance in future also.

NATURAL HISTORY SECTION ANNUAL REPORT FOR THE YEAR ENDED 1957-58

RESEARCH COLLECTIONS

The existing collections as also the additions made during the year under review, were conserved, classified and registered.

Vertebrates :

Mammals.—Of the twenty-seven additions, the following specimen deserves special mention :—

The long-tailed Tree-Mouse—*Vandeleuria oleracea nilagirica* Jerdon
Locality : Pali Hill, Bandra, Bombay
Donor : Salim Ali

Birds.—One hundred and twenty-nine specimens were added of which the following deserve especial mention :—

1. The Great Skua—*Catharacta skua lonnbergi* Mathew
Locality : Malwan coast, Ratnagiri District, Bombay State
Donor : Director of Fisheries, Government of Bombay, Bombay
2. The Red-necked Phalarope—*Lobipes lobatus* (Linnaeus)
Locality : Saurashtra, Rajasthan, Bombay
Donor : R. S. Dharmakumarsinhji
3. The Golden-throated Barbet—*Cynops franklinii* (Blyth)
Locality : Pokhara District, West Nepal
Donor : R. K. Chowdhry
4. The White-throated Babbler—*Dumetia albigularis* (Blyth)
Locality : Khandala, Western Ghats, Poona District, Bombay State
Donor : A. Novarro, S.J.
5. The Spotted Eagle—*Aquila clanga* Pallas
Locality : Ghoti, Nasik District, Bombay State
Donor : Humayun Abdulali
6. Blyths' White-rumped Swift—*Micropus pacificus lenconyx* (Blyth)
Locality : Walkeshwar, Bombay
Donor : A. Novarro, S.J.
7. The Common Palestine House Swift—*Micropus affinis galilejensis* Antinori
Locality : Colaba, Bombay
Donor : A. Novarro, S.J.
8. The Kentish Plover—*Leucopoliis alexandrinus* (Linnaeus)
Locality : Manori Creek, Bombay
Donor : A. Novarro, S.J.

Reptiles.—Three lizards and twelve snakes were added to the existing collections.

Amphibians.—Sixty adult frogs and several tadpoles were added to the collections. Of these, special mention may be made of the tadpoles *Rana malabarica* Dum. & Bibr. collected by V. K. Chari and E. G. Silas in the rain-water pools of Krishnagiri National Park, Borivli, Bombay, a few of which were successfully reared at the Section, upto their juvenile stages. This tadpole has not so far been described.

An Illustrated account of this tadpole together with some ecological data, is awaiting publication in the Journal of the Bombay Natural History Society.

Fish.—Thirteen specimens were added to the collection.

Invertebrates : Seventy-nine specimens, mostly insects, were added to the existing collections.

The entire beetle-collection and a part of the butterfly and moth collections, were treated with special liquid-preservatives recommended by the British Museum (Natural History).

Cataloguing of the late Dr. C. Suter's butterfly collections, is in progress.

Public Galleries.—Work in the Public Galleries was confined to renovation of the existing groups. In several groups, the ply-wood panelling was damaged by termites and was replaced by tempered and termite-treated Masonite.

Mammal Gallery.—The Kashmir Stag and Chital Groups were renovated. The "rocks" of the Wild Sheep and Goat Group were renewed.

Bird Gallery.—The following additional exhibits were displayed in the Gallery :

1. The Kashmir Roller — *Coracias garrula semenowi* Loud. Tschusi
Locality : Bhiwandi, Thana District, Bombay State
Seized by Shri Humayun Abdulali under the Bombay Wild Birds
and Wild Animal Protection Act, 1957.
2. The Indian Reef Heron—*Demigretta asha* (Sykes)
Locality : Mumbra, Thana District, Bombay State
Also seized under the Wild Life Act as above
3. The Ruff—*Philomachus pugnax* (Linnaeus)
Locality : Madmeshwar, Nasik District, Bombay State
Donor : Humayun Abdulali.
This is a replacement.

Reptile, Amphibian and Fish Gallery.—All the exhibits and the groups in this gallery were renovated, and the mural paintings were retouched wherever necessary.

Invertebrate Gallery.—A few butterfly and moth-cases exhibited in the Bird Gallery and the few insect and molluscan cases arranged in passage gallery on the first floor of the main building continued to represent this gallery.

As the entire staff was fully occupied with the renovation of the existing groups and exhibits as also the maintenance of reference collections, no satisfactory work on this gallery can be reported. Furthermore the gallery set apart for the display of invertebrates continues to store Insect and Reptile reference collections.

Guided Tours.—Parties of students continued to be guided round the Galleries.

Assistance to Institutions and Individuals.—A staff-member of the Kolhapur Museum, Kolhapur, and two individuals, one from Baroda University, and the other from Poona were given access to the Insect Collection.

Expeditions.—No major expedition was undertaken during the year under review but short week-end collection trips were made to suburbs of Bombay. These were productive of considerable material in frogs and tadpoles as also some reptiles which were added to the existing collections.

A short visit to Mahabaleshwar, Western Ghats Ca. 4,500,' Bombay, to investigate the aquatic fauna of the Robbers' Cave, Satara Road, resulted in the capture of the hitherto elusive eel, passing for a snake. A model of this eel—*Symbranchus* sp. is awaiting exhibition in the Gallery.

Radio Talks.—The following talks of the Officiating Curator were broadcast from the All-India Radio Station, Bombay, under its School Broadcasts Programme :—

1. The Camel—the Servant of the Desert-Dweller,
2. The Buffalo and the Yak.

In addition he published popular articles in the Illustrated Weekly of India, Bombay.

Nature Education Scheme.—Continued co-operation and assistance are being extended to this 10-year old scheme sponsored by the Bombay Natural History Society, Bombay, for spreading intelligent interest among school children in the study of animals and plants both in the class-room and outside.

PRINCE OF WALES MUSEUM OF WESTERN INDIA

Abstract of Income and Expenditure for the year 1956-57

BUILDING FUND

INCOME		Rs. as. ps.	EXPENDITURE		Rs. as. ps.
To Opening Balance	..	4,892 0 0	By Maintenance—Museum Building	..	6,068 9 0
State Bank	..	..	Supervision—Museum Building	..	180 0 0
Chartered Bank	..	..	Maintenance—Electric Installation	..	3,849 0 0
Permanent Advance	..	..	Insurance Servants' Quarters	..	29 13 0
	Rs. 4,892 0 0		Insurance Museum Building with contents	..	2,932 9 0
Interest on Securities	..	..	Water Cooler	..	7,080 15 0
Recoveries from N. H. Section—Maintenance Electric Installation	..	..	Interest on Overdraft	..	1 0 0
Government Grant towards Insurance of Museum Building with contents	..	..	Electric Installation in Servants' Quarters	..	350 10 0
Transfer from Reserve Fund to meet deficit	..	..		Rs. ..	20,692 8 0
	..	..	By Closing Balance	..	4,623 10 0
	..	..	State Bank	..	..
	..	..	Chartered Bank	..	..
	..	..	Permanent Advance	..	..
		Rs. 4,623 10 0	
Securities with Banks (face value) Rs. 1,78,700.	Rs. ..	25,316 2 0		Rs. ..	25,316 2 0

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EXHIBITS FUND

To Opening Balance	..	9,321 5 11	By Purchase and conveyance of Exhibits	..	15,771 5 0
State Bank	..	..	Bank Charges	..	5 0 0
Chartered Bank	..	..		..	..
	Rs. 9,321 5 11		By Closing Balance	..	15,776 5 0
Interest on Securities	..	..	State Bank	..	5,255 6 11
Interest on Current Account	..	..	Chartered Bank	..	..
Transfer from Reserve Fund to meet deficit	..	..		Rs. 5,255 6 11	
	..	..		Rs. ..	21,031 11 11
Securities with the Banks (face value) Rs. 1,94,200.	Rs. ..	21,031 11 11		Rs. ..	21,031 11 11

JEHANGIR ART GALLERY

To Opening Balance : Chartered Bank	..	157 12 3	By Closing Balance : Chartered Bank	..	157 12 3
	Rs. ..	157 12 3		Rs. ..	157 12 3

Bombay,

Examined and found correct.

(Sd.) B. C. JAIN,

Examiner, Local Fund Accounts.

(Sd.) MOTI CHANDRA,

Director,

Prince of Wales Museum

of Western India.

PRINCE OF WALES MUSEUM OF WESTERN INDIA
Abstract of Income and Expenditure for the year 1956-57

RESERVE FUND

INCOME		EXPENDITURE	
	Rs. as. ps.		Rs. as. ps.
To Opening Balance	17,930 7 0	By Transfer to Building Fund (To meet deficit)	10,580 15 0
.. State Bank .. ..	.. ..	.. Transfer to Current Fund (To meet deficit)	13,800 0 0
.. Chartered Bank .. ..	.. ..	.. Suspense Account (Amount advanced to Government of India Scholarship)	550 0 0
Rs. 17,930 7 0		.. Transfer to Exhibits Fund to meet deficit	5,000 0 0
.. Interest on Securities	23,563 0 0		29,930 15 0
.. Interest on Current Account	35 12 0	By Closing Balance	16,598 4 0
.. Transfer from Current Fund in adjustment of previous transfer	5,000 0 0	.. State Bank .. ..	.. ..
		.. Chartered Bank .. ..	.. ..
		Rs. 16,598 4 0	
Securities with the Banks (face value) Rs. 6,83,000.	Rs. ..		Rs. ..
	46,529 3 0		46,529 3 0

PROVIDENT FUND

To Opening Balance : Chartered Bank	11,358 5 10	By Loans to Staff	13,965 0 0
.. Provident Fund Contributions including repayment of loans	18,648 1 0	.. Purchase of Securities	10,000 0 0
.. Interest on Securities	1,889 11 0	.. Final Payment	3,368 6 0
.. Interest on current account	19 1 0	.. Excess instalment paid which was collected wrongly	20 0 0
.. Board's Contribution	5,298 14 0	.. Insurance Premium of Mr. K. G. Phadke	56 12 0
		.. Part payment of Provident Fund to Govind Shiva, Naik	1,000 0 0
			28,410 2 0
Securities with Bank (face value) Rs. 1,09,000.	Rs. ..	By Closing Balance : Chartered Bank	8,983 14 10
	37,394 0 10		Rs. ..
			37,394 0 10

Bombay,

Examined and found correct.

(Sd.) B. C. JAIN,

Examiner, Local Fund Accounts.

(Sd.) MOTI CHANDRA,

Director,

Prince of Wales Museum

of Western India.

NATURAL HISTORY SECTION: PRINCE OF WALES MUSEUM OF WESTERN INDIA

Receipts and Payments Account for the year 1956-1957

GENERAL FUND

[illegible]

Bombay.

Examined and found correct.
B. C. JAIN,
Examiner,
Local Fund Accounts.

(Sd.) V. K. CHARI,
Offg. Curator,
Natural History Section,
Prince of Wales Museum of Western India.

NATURAL HISTORY SECTION: PRINCE OF WALES MUSEUM OF WESTERN INDIA

Receipts and payments Account for the year 1956-1957

STAFF PROVIDENT FUND

RECEIPTS	Amount Rs. as. ps.	PAYMENTS	Amount Rs. as. ps.
To Opening Balance :— Current Account at the Chartered Bank Committee's Contribution for 1955-56 and 1956-57 " Subscribers' Contribution including repayments of loans, " Interest on Securities	1,352 4 8 2,654 4 0 3,563 14 0 2,028 12 0	By Loans to Subscribers " Purchase of Securities " Insurance premium—paid insurance premium on policy of Shri Gabriel, Sr. Asstt. " Closing Balance :— Current Account at the Chartered Bank	1,070 0 0 2,500 0 0 36 0 0 3,606 0 0 5,995 2 8
Rs. .. Securities with the Bank, Face Value, Rs. 38,700.	9,599 2 8	Rs. ..	9,599 2 8

Bombay.

Examined and found correct.
B. C. JAIN,
Examiner,
Local Fund Accounts.

V. K. CHARI,
*Offg. Curator,
Natural History Section,
Prince of Wales Museum of Western India.*

PRINCE OF WALES MUSEUM OF WESTERN INDIA.

Abstract of Income and Expenditure for the year 1957-1958

EXHIBITS FUND

INCOME	Rs. nP.	EXPENDITURE	Rs. nP.
To Opening Balance : Chartered Bank	.. ..	By Purchase and conveyance of Exhibits	.. ..
" Interest on Securities	.. ..	" Preservation of Exhibits ..	.. ..
" Transfer from Reserve Fund	.. ..	
" Interest on Current Account	.. ..	" Closing Balance : Chartered Bank	.. ..
		State Bank	.. ..
Securities with the Banks (Face Value). Rs. 1,94,200.	Rs. ..		Rs. ..
	13,968.49		13,968.49

BUILDING FUND

To Opening Balance : State Bank	.. Rs. 846.36	By Maintenance—Museum Building	.. ..
Chartered Bank	.. Rs. 3,077.27	" Supervision—Museum Building ..	.. ..
On hand	.. Rs. 100.00	" Maintenance—Electric Installation	.. ..
	Rs. 4,623.63	" Insurance—Museum Building with contents	.. ..
" Interest on Securities	.. ..	" Insurance—Servants' quarters	.. ..
" Transfer from Reserve Fund to meet deficit	.. ..	" Water cooler	.. ..
" Recoveries from Natural History Section (Maintenance Electric Installations)	.. ..	
" Government Grant Insurance	.. ..	" Closing Balance : On hand	.. 100.00
" Recoveries from P.W.D. out of the excess amount paid previously under maintenance—Electric Installations.	.. ..	State Bank	.. 2,916.12
		Chartered Bank	.. 3,733.67
			6,749.79
Securities with the Banks Rs. 1,78,700.	Total Rs. ..		Rs. ..
	20,043.58		20,043.58

Bombay, 24th September 1958.

Examined and found correct,
(Sd.) B. C. JAIN,
Examiner, Local Fund Accounts.

(Sd.) MOTI CHANDRA,
Director,
Prince of Wales Museum of
Western India.

PRINCE OF WALES MUSEUM OF WESTERN INDIA
Abstract of Receipts and Payments for the Year 1957-1958
PROVIDENT FUND

RECEIPTS	Rs. nP.	PAYMENTS	Rs. nP.
To Opening Balance : Chartered Bank	8,983.93	By Loans to subscribers	10,545.00
" Provident Fund Contribution of the staff including repayment of loans	16,779.29	" Advance payment to staff (non-recoverable)	16,500.00
" Interest on Securities	1,890.00	" Final payments to staff	1,360.55
" Interest on Current Account	9.37	" Insurance Premium of Shri Phadke—Headclerk	56.75
" Sales proceeds on securities	21,712.50	" Fixed Deposit account	10,000.00
" Board's contribution for 1957-58	5,700.20	" Transfer to Current Fund—Forfeited Board's contribution of Motila Yadav	34.56
		" Purchase of securities	10,000.00
		" Closing Balance : Chartered Bank	48,496.86
Securities with the Banks Rs. 1,04,000 (face value). Fixed deposit with the Banks Rs. 10,000.	55,075.29		6,578.43
			Rs. ..
			55,075.29

RESERVE FUND

To Opening Balance : State Bank	2,843.95	By Transfer to Building Fund to meet deficit	4,229.25
" Chartered Bank	13,754.30	" Transfer to current fund to meet deficit	20,000.00
" Interest on Securities	22,707.69	" Transfer to Exhibits Fund to meet deficit	2,000.00
" Interest on Current Account	28.56	" Bank Charges	1.10
" Government of India Scholarship Account—adjusted	550.00	" Repairs to Museum Building	35,000.00
		" Interest on overdraft	485.57
	39,884.50		
" Closing Balance : State Bank (overdraft)	27,035.39	" Closing Balance : Chartered Bank	61,715.92
Securities with the Banks Rs. 6,83,000/- (face value).	66,919.89		5,203.97
			Rs. ..
			66,919.89

JEHANGIR ART GALLERY

To Opening Balance : Chartered Bank	157.77	By Final payment to Messrs. Shapoorji Pallonji for the construction of the Jehangir Art gallery	30,000.00
" Donation from Sir Cowasji Jehangir	30,000.00	" Closing Balance : Chartered Bank	157.77
			Rs. ..
	30,157.77		30,157.77

Bombay, 24th September 1958.
 Examined and found correct.
 (Sd.) B. C. JAIN.
 Examiner, Local Fund Accounts.

(Sd.) MOTI CHANDRA,
 Director,
 Prince of Wales Museum of
 Western India.

RECEIPTS		Rs.	nP.	PAYMENTS		Rs.	nP.
To Opening Balance : On hand ..	Rs. 100.00	23,995.13		By Establishment Charges ..	..	18,712.34	
" Government Grant—Maintenance ..	Rs. 22,995.13	7,500.00		" Dearness allowance ..	..	7,709.91	
" Government Grant—Revision of pay scale ..	..	287.56		" House rent and washing allowance ..	..	587.72	
" Government Grant—House rent and washing allowance ..	..	125.00		" Provident Fund—Committee's contributions ..	..	1,303.61	
" Government Grant—Dearness allowance ..	..	5,826.78		" Contingent charges ..	..	503.44	
" Interest on current account ..	..	27.24		" Stationery ..	..	237.65	
				" Postage and Telegraph ..	..	16.43	
				" Electric Energy Charges ..	..	3,103.34	
				" Maintenance Electric Installation ..	..	567.61	
				" Mounting of specimens and repairs to show cases ..	..	1,571.28	
Closing Balance : Chartered Bank (overdraft) ..	..	36,861.65		" Municipal Taxes ..	..	303.50	
				" Labels ..	..	180.54	
				" Acquisition of specimens ..	..	194.69	
				" Office furniture ..	..	148.50	
				" Scientific Appliances and Books ..	..	1,049.88	
				" Uniforms ..	..	340.50	
				" Unforeseen expenditure ..	..	97.50	
				" Additional Electric Installation ..	..	556.85	
				" Interest on overdraft ..	..	1.00	
				.. Closing Balance : On Hand ..	..	37,186.29	
						100.00	
						37,286.29	
STAFF PROVIDENT FUND				Rs.	nP.		
To Opening Balance : Chartered Bank ..	Rs. 5,993.17	5,993.17		By Loans to staff ..	..	3,820.00	
Subscribers' contributions including repayment of loans ..	4,644.78	1,197.00		" Investment of Funds—Fixed Deposit ..	..	2,500.00	
Interest on securities ..	..	10.93		" Insurance premium of Shri Gabriel ..	..	36.00	
Interest on current account ..	..	1,303.61				6,356.00	
Committee's contribution for the year 1957-58 ..	..			.. Closing Balance : Chartered Bank ..	..	6,793.49	
						13,149.49	
Securities with the Bank ..	Rs. 38,700/-						
Fixed Deposit at 4½% at the ..	..					
Chartered Bank ..	Rs. 2,500/-						

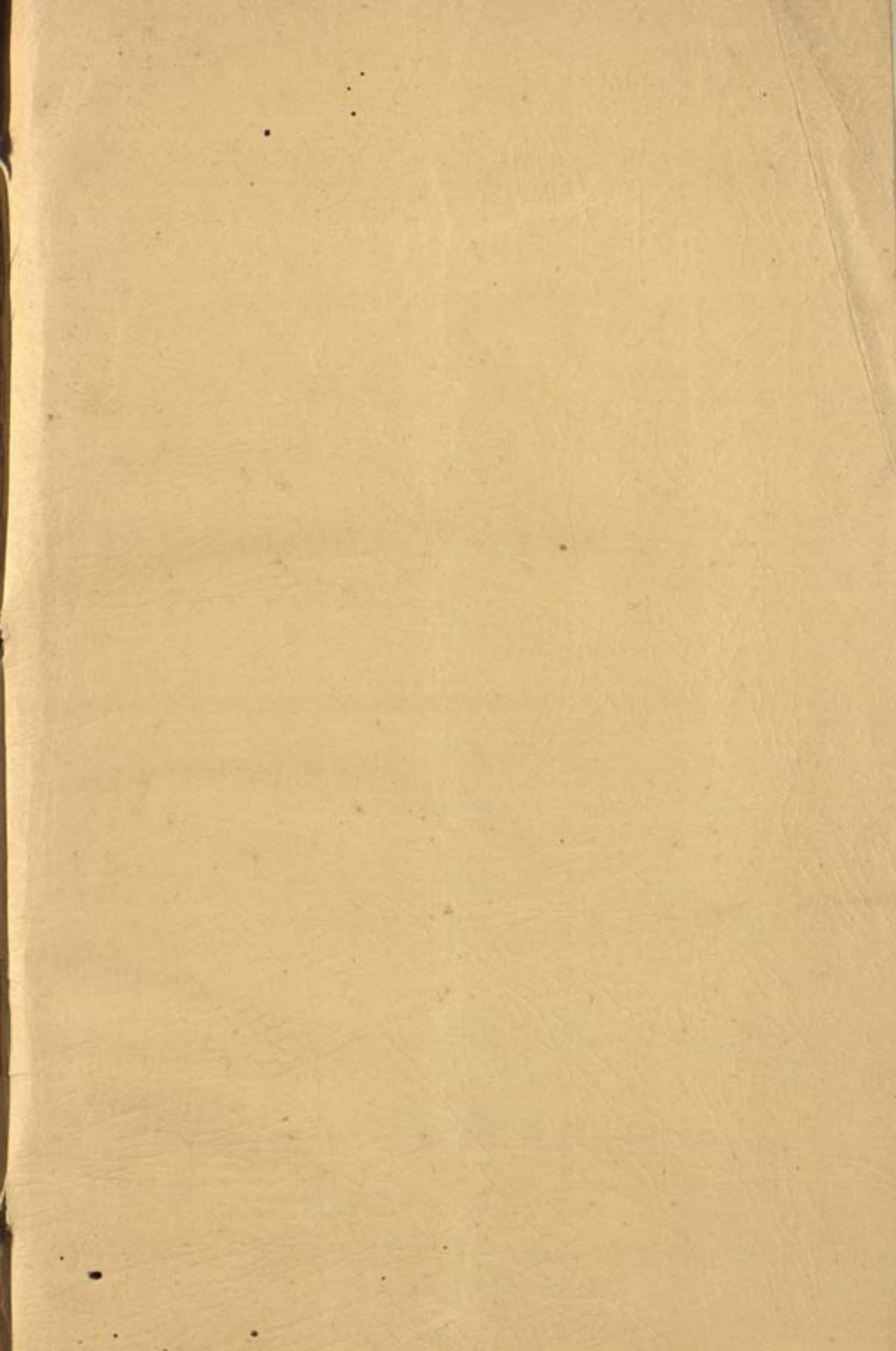
Bombay, 24th September 1958.

Examined and found correct.

(Sd.) B. C. JAIN,
Examiner, Local Fund Accounts.

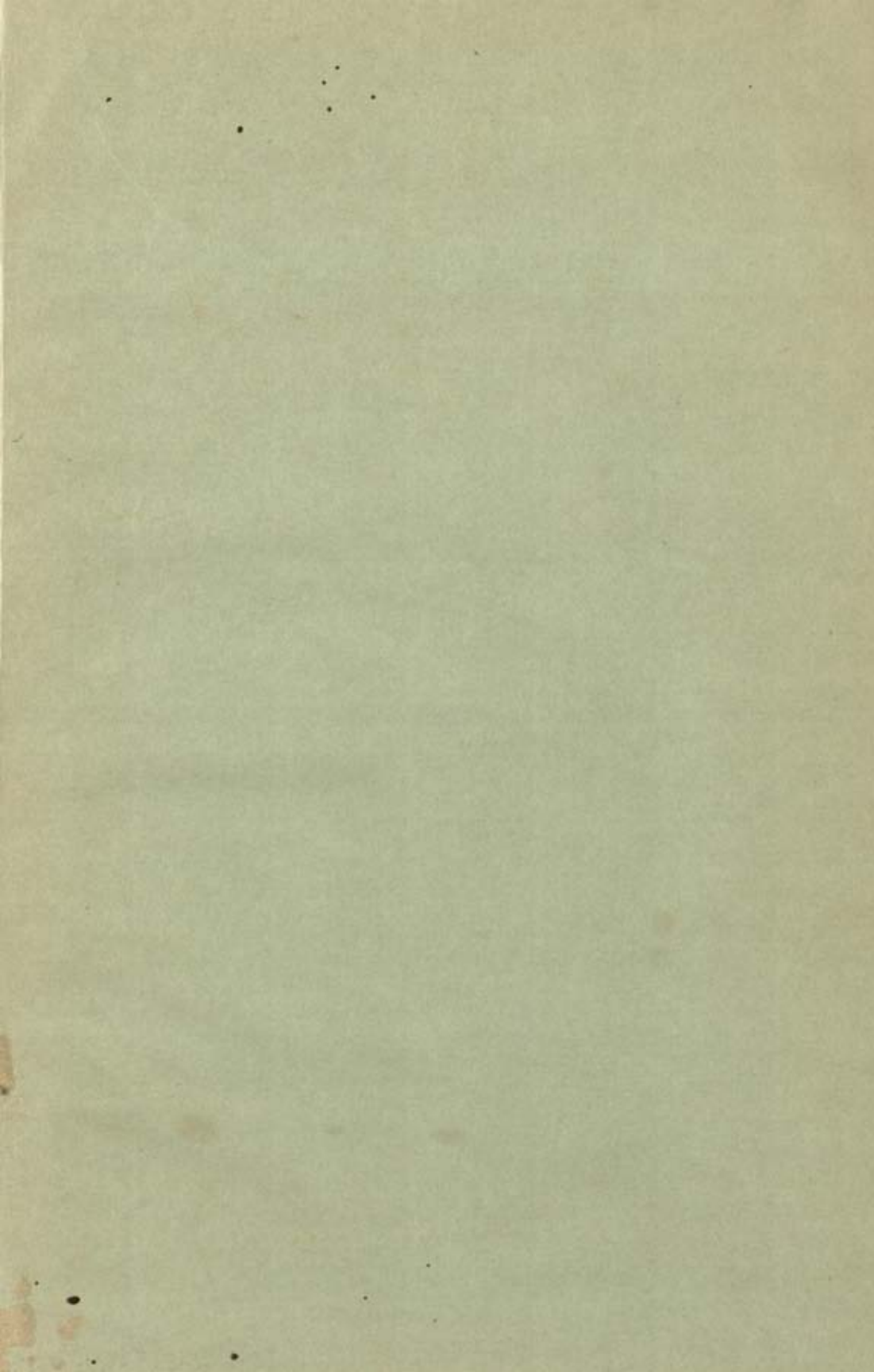
(Sd.) V. K. CHARL,
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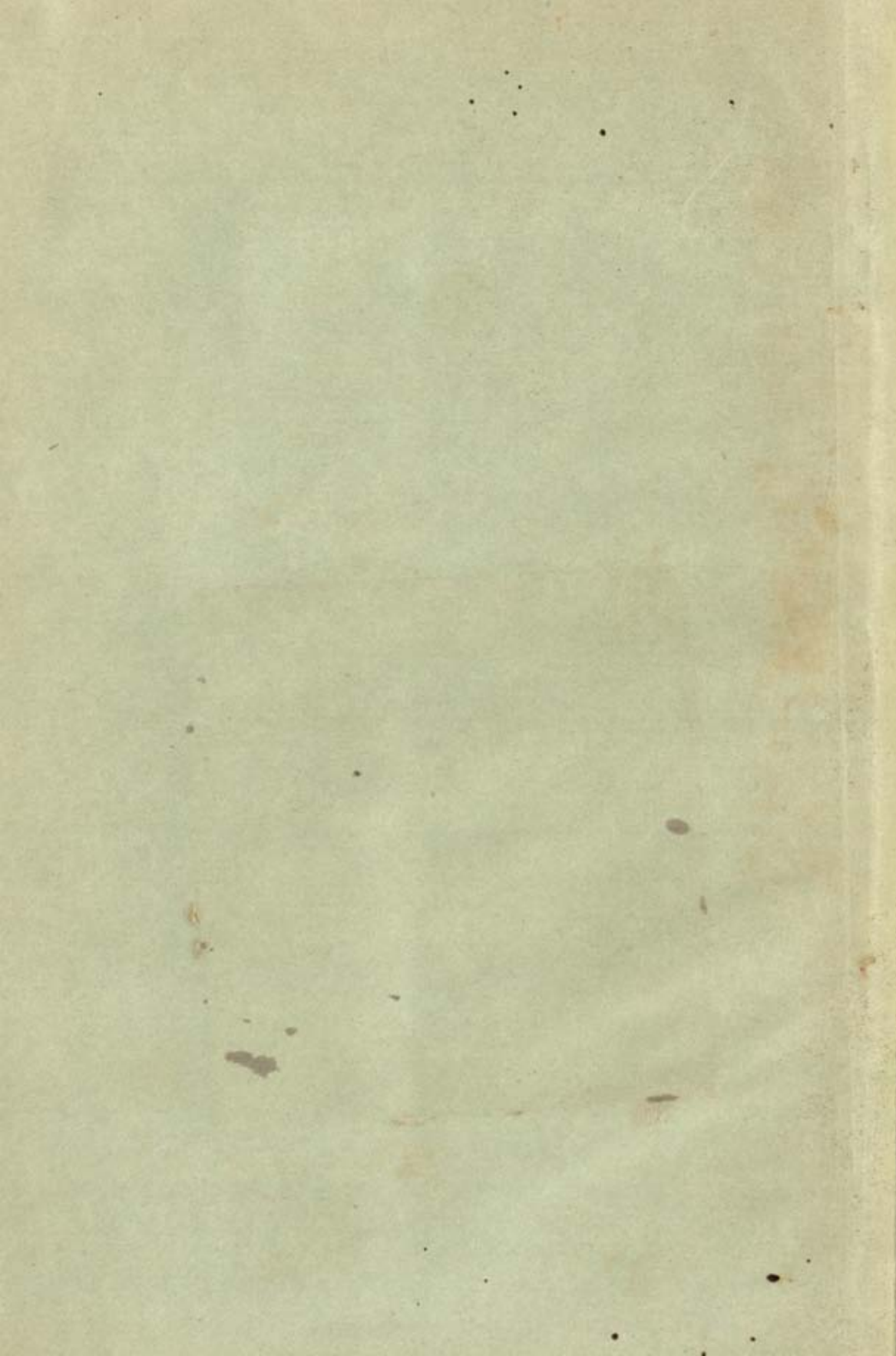
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