(1) பக்கங்களின் எண்ணிக்கை _____

(2) புதுக்கித் திருப்பிய நாள் _____

(3) ஆதாரங் குறிப்பவர் சுருக்கொப்பம் _____

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

Rolling துறை

அரசாணை எண். 582	அச்சகம்
மு. கோப்புத் தாள் எண்.	பலவகை

நாள் : 5 - 4 - 1881 199

மடிக்கவோ கண்டபடி கையாளவோ கூடாது.

ஆவண. கா. 1—18,005—6-9-90.

REPORT OF THE HONORARY COMMITTEE OF MANAGEMENT FOR THE ZOOLOGICAL GARDENS, 1879-80.

THE Honorary Committee of Management of the Calcutta Zoological Gardens have the honor to submit their report for the financial year beginning on 1st April 1879 and ending 31st March 1880.

The Committee has consisted of the following members :—

President :

C. T. BUCKLAND, ESQ., C.S., Member of the Board of Revenue.

Honorary Secretary and Treasurer :

LOUIS SCHWENDLER, ESQ., M.I.C.E., Electrician to the Government of India.

Members :

DR. JOHN ANDERSON, F.R.S., Superintendent, Indian Museum.
DR. G. KING, Superintendent, Royal Botanical Gardens.
C. E. BUCKLAND, ESQ., C.S., Magistrate and Collector of Howrah.
R. L. MANGLES, ESQ., V.C., C.S, Commissioner, Presidency Division.
F. B. PEACOCK, ESQ., C.S., Officiating Commissioner, Presidency Division.
M. G. STEWART, ESQ., Merchant.
A. WILSON, ESQ., Merchant.
W. DUFF BRUCE, ESQ., C.E., Vice-Chairman, Port Commissioners.
H. M. KISCH, ESQ., C.S., Under-Secretary to the Government of Bengal.
C. W. BOLTON, ESQ., C.S., Under-Secretary to the Government of Bengal.
RAJAH RAJENDRA MULLICK, BAHADOOR.
DR. D. D. CUNNINGHAM.
A. A. APCAR, ESQ., Merchant.
E. D. J. EZRA, ESQ., Merchant.
J. LAMBERT, ESQ., Deputy Commissioner of Police.
W. T. BLANFORD, ESQ., F.R.S., President of the Asiatic Society of Bengal.
MAJOR WATERHOUSE, Natural History Secretary to the Asiatic Society of Bengal.
A. FORBES, ESQ., C.S., Secretary to the Board of Revenue.
LIEUT.-COL. FERGUS GRAHAM, Commanding Calcutta Volunteers.
G. MILLER, ESQ., Merchant.

The Sanitary Commissioner of Bengal, the Divisional Commissioners of Bengal, and the Executive Engineer of the Third Calcutta Division are *ex-officio* Members of the Committee.

2. The following changes have occurred in the constitution of the management during the year under review :—Mr. Louis Schwendler accepted the appointment of Honorary Secretary and Treasurer when the late Honorary Secretary and Treasurer (Dr. John Anderson) went on leave on 1st December 1879. The Committee regret to have to mention the decease of one of their colleagues—the Nawab Ameer Ali, Khan Bahadoor. Major Sterndale, Vice-Chairman of the Suburban Municipality, resigned office during the year.

3. The Committee have observed with regret that they have not as yet received the powerful assistance which they had hoped for from the appointment of the Divisional Commissioners in Lower Bengal to be *ex-officio* members of their Committee, as noticed in paragraph 4 of their report for 1878-79. Without the cordial co-operation of the Divisional and District Officers the Committee cannot expect to be able, effectually and economically, to develope and display the zoological wealth of the country. The Committee have recently addressed another circular to these officers, and they hope that it will tend to promote more practical co-operation. It would, however, be of great advantage if the Government would call the attention of all Divisional and District Officers to the requirements of the Committee in order to give their full support to what may now be considered a national institution in Bengal. The Committee acknowledge with satisfaction the issue of the Government order, No. 15 of 24th March 1880, by which District Officers were authorized to pay for live animals forwarded to the Committee, the rewards which were previously sanctioned for killing such animals.

4. No new large houses were built in the Gardens during the year, but the existing houses for animals and birds were in many respects improved and repaired, and a large expenditure was incurred in the substitution of strong iron railings for the wooden (*gurran*) fencing by which most of the paddocks were originally surrounded and divided. Although there is very little to show for this expenditure, it is a very important and durable improvement. With the permission of Government a second story was added to the dwelling-house known as "The Hermitage," which was presented to the Zoological Gardens by His Highness the late Maharajah of Vizianagram. The Committee were authorized by Government to sell a part of their Government Promissory Notes to meet this expenditure, but they were fortunately able to meet the expense out of current revenue, owing to the unexpected accession to their funds from the gift from the estate of the late Maharajah of Burdwan.

5. The Committee are glad to report that they have received continued support from the public during the year, and that there has been a considerable increase in the number of new Life Members. The following list shows the principal donations and subscriptions received during the year:—

	Rs.
From the Estate of the late Maharajah of Burdwan	10,000
His Highness the Maharajah of Durbhunga, additional ...	2,000
Maharanee Sarat Soondaree of Putia	1,000
M. Feilmann, Esq.	150
Dr. Waller	250
Otto Eck, Esq. (by transfer)	25
M. Dürst, Esq. (changing his ticket from Rs. 100 to Rs. 150) ...	50
Messrs. Barry and Company	150
Dr. J. Garrow Grant	100
W. A. Browne, Esq.	100
W. P. Johnston, Esq.	100
Arthur Chapman, Esq.	100
H. Allchin, Esq.	100
Baboo Shinghee Charan Dutt	200
A. Phillips, Esq.	100
William Joest, Esq. (Berlin)	100
F. G. Davison, Esq.	100
H. Berger, Esq.	150
Prince Jahan Kadir Mirza Mahomed Wahid Ali, Bahadoor ...	100
Dr. K. McLeod	100
C. H. Ogbourne, Esq.	100
Baboo Kissori Lall Mookerjee	100
Dr. Harvy	150
W. Fuchs, Esq.	100
Hon'ble Arthur Wilson	150
F. Schiller, Esq.	100
Hon'ble A. Mackenzie	100
E. A. Oldemeyer, Esq.	100
Hon'ble Rivers Thompson	100
H. Levinge, Esq.	150
Major-General A. Fraser, R.E., C.B.	100
A. A. Apear, Esq.	100
G. E. Thomas, Esq.	100
A. B. Large, Esq.	300
His Highness The Maharajah of Ulwar	300
Rajah of Bijnee	100
W. H. Jones, Esq.	100
E. J. Trevelyan, Esq.	100
Dr. Wilhelm Landau (Berlin)	100
Dr. Jones	100
M. Massey, Esq.	25
O. Trefftz, Esq. (by transfer)	25
C. G. Scaramanga, Esq. (by transfer)	100
J. Blackburn, Esq.	100
Lord William Beresford	100
Lieutenant A. Bewicke, A.D.C.	
Total Donation ...	13,000
Total Subscription ...	4,970
GRAND TOTAL ...	17,970

6. One of the principal events of the year was the holding of a Cat and Dog Show on the 5th and 6th January 1880. This exhibition was opened in furtherance of one of the avowed purposes for which the Gardens were established—viz. to facilitate the acclimatization, domestication, and breeding of animals, and to improve the indigenous breed of cattle and farm stock—(*vide* original prospectus issued in 1875, under the sanction of Government). Although it may be admitted that a Cat and Dog Show is but a small beginning towards the attainment of the objects above set forth, nevertheless it is a beginning, and the Committee trust that in the course of time it may lead to a general exhibition of domesticated animals of all kinds. The recent grant by Government, of the lands known as "Bigunbari," on the east side of the Zeerut-road, will enable the Committee, in course of time, to enter upon arrangements for the breeding and exhibition of cattle on a large scale and approved system; but for the present the Committee have been unable to make any scientific use of the lands, as it is necessary that they should become sweetened and purified from the mass of decaying rubbish with which the old tanks on the site were filled up by the Public Works Department before it will be safe to utilize them, or to build upon them.

7. With regard to the Cat and Dog Show, there was every reason to believe that it was much appreciated by the public, although the Committee were compelled to hold the exhibition upon dates which came so closely upon the public holidays, that many persons were prevented from attending. Owing to the inexperience of the Committee in such undertakings, their expenses were larger than was anticipated, and the departmental charges for the use of Government tents, the cost of advertisements in the newspapers, and the expense of the Military bands, only left the Committee with funds derived from the receipts for admission barely sufficient to provide 45 prizes for dogs and 11 for cats. One hundred and fifty-two dogs and twenty-one cats were exhibited, and some of the specimens were considered, by very competent judges, to be very good. The Committee desire to acknowledge the very valuable assistance which they received from Dr. Greenhill in adjudicating the prizes—a matter of very serious difficulty, considering the extraordinary confidence which each exhibitor entertains of the superiority of his own pet animal.

8. The Committee have endeavoured to provide for the entertainment of the public, and to increase their own finances by holding several Moonlight Fêtes, when the Gardens were kept open until midnight, and Military music was engaged for the gratification of the spectators. These fêtes were held on 31st October 1879, 27th February 1880, and 27th March 1880, and were very largely attended, contributing a net sum of Rs. 1,284-8 to the funds of the Gardens after defraying all expenses.

9. An important change was introduced during the year (from 15th December 1879) as regards the entrance fees for admission to the Gardens. The charge was fixed at one anna only on every day of the week up to 3 P.M. during the cold season, and up to 5 P.M. during the remainder of the year. The charge after 3 P.M. during the cold season, and after 5 P.M. during the remainder of the year was fixed at—

4 Annas on week days.
1 Rupee on Sundays.

Children under eight years of age have been admitted free of charge.

10. The object of this scale of charges is to enable the natives of all those classes to whom a brief exposure to the sun is a matter of comparative indifference, to visit the Gardens for the low charge of one anna—the lowest charge for admission into any Zoological Gardens with which the Committee is acquainted. The higher charge is intended to meet the higher classes of the community, who can best afford to pay for admission. The charge of four annas is only half of the daily charge at the London Zoological Gardens. The financial result of the new rates has been thoroughly successful, as will be seen in the statement contained in Appendix No. 1, which shows that there were 9,108 Sunday visitors in 1879-80, against 6,709 Sunday visitors in 1878-79, and a grand total of 121,718 visitors in 1879-80, against 104,582 visitors in 1878-79. But the figures for 1879-80 do not include the children under eight years of age, as they are admitted free, and do not pass through the check-turnstile, which counts the paying-visitors only. It has been

(*c*)—A presentation worthy of special record for its scientific value, is an example of *Porphyrula chloronotus*, caught fifty miles off Cape Verde, Africa, and presented to these Gardens by Captain H. G. A. Heath.

In Appendix II will be found a list of Donors who have contributed animals and birds during the year 1879-80, and to whom the thanks of the Committee are therefere due.

Exchanges.

13. Several important exchanges of animals and birds have been effected during the year with Mr. Rutledge of Calcutta, with the Zoological Society of London, with the Zoological Society of Singapore, and several private gentlemen.

This system of exchange with Mr. Rutledge has put the Honorary Committee in possession of many valuable and rare birds and mammals, the most noticeable amongst them being the almost unique collection of parrots exhibited in the "Andool House."

Recently an exchange, worthy of special mention, has been effected with Mr. E. T. Teysmann of Java, and the Committee have thereby become possessed of some very valuable and rare examples of Malayan avifauna.

Purchase.

14. The most important animal under the head of purchase is a fine specimen of *Oryx beisa*, obtained through the friendly agency of Mr. Ganslandt, the German Consul at Aden.

15. The following is a list of important animals and birds that were for the first time exhibited in the Gardens :—

Indian Mouse Deer	...	Tragulus memimna	... India.
Clouded Leopard	...	Felis macrocelis	... Himalaya.
Grey Squirrel	...	Sciurus cinereus	... America.
Marmot	...	Arctomys Hodgsoni	... Himalaya.
Beisa Antelope	...	Oryx beisa	... Africa.
Black Macaque	...	Macacus atratus	... ?
Galeated Casuary	...	Casuarius galeatus	... New Guinea.
Cockatoo Parakeet	...	Callopsitta Novæ Hollandæ	... Australia.
Ariel Toucan	...	Ramphastos ariel	... America.
Brazalian cara-cara	...	Polyborus brasiliensis	... South America.
Porphyrula	...	Porphyrula cloronotus	... Africa.
Razor-billed Curassow	...	Pauxi mitu	... South America.
King Lory	...	Approxmictus scapulatus	... Australia.
Orange-crested Cockatoo	...	Cacatua citrino cristata	... Timorlakt.
Aru cockatoo	...	Atterimum microglossum	... Aru island.
Magpie	...	Pica bactriana	... Afghanistan.

16. Although the general health of the collection has been remarkably good, the Committee have sustained some serious losses during this year from the deaths of valuable animals. Of these the most important were—

1 Giraffe (male)—presented by E. D. J. Ezra, Esq., of Calcutta (*died of colic*).

1 Wild Ass (Sindh)—presented by Sir William Mereweather, K.C.S.I.

The loss of this animal is particularly to be deplored, as the race of wild ass is gradually becoming extinct.

In a state of temporary furor (*qui solet matres furiare equorum*) it ran against the iron railing of its compound with great violence and thus fractured its skull.

Finance.

Financial statement—*see* Appendix III.

The financial condition of the Gardens during this year has been generally favourable. On the 1st April 1880 the Committee had a balance in hand in favour of the Gardens amounting to Rs. 2,941-13-3, and their actual income exceeded the budget estimate by Rs. 27,760-10-7, which excess was principally due to the fact that a far larger amount of donations and subscriptions were received during the year than could have been safely budgeted for.

18. In Appendix No. IV there will be found an interesing list showing the appraised value of all the *important* animals and birds, &c., in the collection. The idea of valuing the animals in this manner is taken from the report of the Zoological Society of Philadelphia in America, where the value of the animals

is calculated as a part of the capital assets of the Society. The values which have been assigned in the present list are really not large. They do not nearly represent the prices which a Native Prince keeping a menagerie would have to pay for the purchase of any one animal from one of the professional dealers in wild animals. As the present list is by no means exhaustive, and only includes the more important and valuable specimens, it may be said that the value of the whole collection amounts in round numbers to about Rs. 50,000.

19. The Committee have again to record their acknowledgments of the good services of Baboo Ram Brahmo Sandyal, the Native Superintendent of the Gardens, and their sense of the value of his work has been marked by their recommendation to Government that his salary be increased from Rs. 120 per mensem, rising gradually to Rs. 200 per mensem by annual increments of Rs. 20. This proposal has been sanctioned by Government.

20. In conclusion, the Committee must record their thanks to the Honorary Secretary, Mr. Louis Schwendler, to whose daily, vigilant, and unwearying supervision and management the present excellent condition of the Gardens is mainly due.

APPENDIX No. 1.

Comparative Statement of the Numbers of Visitors to the Zoological Gardens on Sundays and on the remaining days of the weeks throughout the years 1878-79 *and* 1879-80.

Sundays.				Weeks of the year.		
1878-79.		1879-80.		Weeks.	1878-79.	1879-80.
Date.	Number of visitors.	Date.	Number of visitors.		Number of visitors.	Number of visitors.
7th April 1878	115	6th April 1879	90	1st ...	2,043	1,140*
14th „ ...	150	13th „ ...	82	2nd ...	1,340	1,859
21st „ ...	104	20th „ ...	79	3rd ...	2,069	1,576
28th „ ...	117	27th „ ...	73	4th ...	1,412	1,353
5th May ...	63	4th May ...	88	5th ...	1,284	1,247
12th „ ...	108	11th „ ...	42	6th ...	1,602	1,222
19th „ ...	92	18th „ ...	66	7th ...	1,603	1,216
26th „ ...	79	25th „ ...	54	8th ...	2,541	1,905
2nd June ...	82	1st June ...	73	9th ...	1,503	1,848
9th „ ...	83	8th „ ...	97	10th ...	1,447	2,561
16th „ ...	42	15th „ ...	76	11th ...	2,134	1,947
23rd „ ...	88	22nd „ ...	195	12th ...	1,482	1,995
30th „ ...	49	29th „ ...	137	13th ...	1,282	1,823
7th July ...	126	6th July ...	113	14th ...	1,324	2,341
14th „ ...	87	13th „ ...	128	15th ...	1,589	2,064
21st „ ...	75	20th „ ...	129	16th ...	1,613	2,171
28th „ ...	58	27th „ ...	184	17th ...	1,355	1,829
4th August ...	99	3rd August...	129	18th ...	1,411	1,775
11th „ ...	42	10th „ ...	44	19th ...	1,276	2,179
18th „ ...	82	17th „ ...	195	20th ...	2,472	1,108
25th „ ...	82	24th „ ...	173	21st ...	2,047	1,895
1st September	104	31st „ ...	160	22nd ...	1,799	2,717
8th „ ...	116	7th September	161	23rd ...	1,447	2,451
15th „ ...	68	14th „ ...	119	24th ...	1,154	1,986
22nd „ ...	4	21st „ ...	175	25th ...	1,237	4,971
29th „ ...	122	28th „ ...	183	26th ...	1,172	3,058
6th October ...	64	5th October...	101	27th ...	3,477	2,623
13th „ ...	101	12th „ ...	108	28th ...	3,786	2,224
20th „ ...	109	19th „ ...	112	29th ...	1,638	1,778
27th „ ...	148	26th „ ...	218	30th ...	2,265	5,243
3rd November	149	2nd November	185	31st ...	1,305	5,386
10th „ ...	150	9th „ ...	248	32nd ...	1,903	2,695
17th „ ...	158	16th „ ...	207	33rd ...	2,254	2,685
24th „ ...	201	23rd „ ...	183	34th ...	1,547	2,350
1st December	184	30th „ ...	256	35th ...	1,581	3,034
8th „ ...	184	7th December	232	36th ...	2,070	2,348
15th „ ...	280	14th „ ...	248	37th ...	1,701	2,298
22nd „ ...	249	21st „ ...	293	38th ...	1,743	1,712
29th „ ...	232	28th „ ...	306	39th ...	4,431	4,195
5th Jan. 1879	232	4th Jan. 1880	342	40th ...	3,068	3,046
12th „ ...	216	11th „ ...	156	41st ...	2,279	3,750
19th „ ...	267	18th „ ...	249	42nd ...	2,587	2,423
26th „ ...	249	25th „ ...	347	43rd ...	2,500	1,856
2nd February	254	1st February	239	44th ...	3,795	1,921
9th „ ...	134	8th „ ...	249	45th ...	2,876	1,880
16th „ ...	218	15th „ ...	330	46th ...	2,890	2,151
23rd „ ...	148	22nd „ ...	288	47th ...	2,970	2,303
2nd March ...	169	29th „ ...	313	48th ...	1,981	3,729
9th „ ...	105	7th March ...	211	49th ...	2,211	1,891
16th „ ...	85	14th „ ...	295	50th ...	1,805	1,928
23rd „ ...	110	21st „ ...	193	51st ...	2,087	1,520
30th „ ...	76	28th „ ...	154	52nd ...	1,819	1,612
				31st March ...	375	891†
Total ...	6,709	Total ...	9,108	Total ...	104,582	121,718

* 1st to 5th April.
† 29th to 31st March.

APPENDIX No. 2.

List of Gentlemen and Ladies who have presented animals during the year.

Ameer Ali, Khan Bahadoor, Nawab.
Apear, A. G., Esq.
Ajeer, A. A., Esq.
Akhmedulla Khan Bahadoor, Nawab.
Bennett, Master James.
Bliss, W., Esq.
Bose Govinda Chunder, Baboo.
Brandilion, J. A., Esq.
Birch, C. W., Esq.
Bidie, Dr.
Bancroft, N. W., Esq.
Beverley, H., Esq.
Blake, W. H., Esq.
Bindobashinee, Ranee.
Chuckerbutty, Seebunry, Baboo.
Chapman, L. A., Mrs.
Collier, F. R. Stanley, Esq., c.s.
Cotton, H. J. S., Esq., c.s.
Cohn, Adolph, Esq.
Carnac, James Rivett Esq.
Campbell A. W., Esq.
Clark, Douglas, Esq.
Carrington, S. C., Esq.
Cochrane, S., Mrs.
Crowdy, W. S., Mrs.
Chambers, Captain.
Dutterbach, G., Esq.
Deveria, H. E., Esq.
Dey, Kanny Lall, Roy Bahadoor.
Dey, Pronath, Baboo.
Eck, Otto, Esq.
Edward, Earnest, Master.
Eisenlohr, F., Esq.
Eden, Ashley, Honble, Sir.
Ezra, E. D. J., Esq.
Gordon, Evans, Captain.
Goodness, H., Esq.
Gunn, J., Esq.
Guiness, C., Esq.
Grierson, G. A., Esq., c.s.
Gloves, G., Esq.
Heath, H. G. A., Captain.
Hill Tipperah, Maharajah of.
Harris, Captain.
Hill, C. E., Esq.
Hunt, A., Esq.
Inglis, L., Esq.
Inglis, J., Esq.
Jarbo, J., Esq.
James, J., Captain.
Jams, W. M., Esq.
King, G., Dr.
Kalberer, J. A., Esq.
Karpelis, J., Esq.
Lytton, His Excellency Lord, Viceroy.
Leibnitz, R., Esq.
Lambert, J., Esq.
Millet, H., Esq.
Mainwaring, Colonel B.
Malitah, Rameswar, Baboo.
Müller, F. A., Esq.
Mookerjee, Girindro Nath, Baboo.
Mookerjee, Jugedanund, Baboo.
Metcalfe, C. T., Esq.
Miller, G., Esq.
Mookerjee, Deno Nath, Baboo.
Mackenzie, W. H., Esq.
Newberry, H. J., Esq.
Oudh, H. M. the King of.
Peterson, C. D., Esq.
Parker, J. C., Esq.
Pemberton, J., Major.
Perch, R., Esq.
Poppe, Edward, Esq.
Purves, Dr.
Power, A. B., Esq.
Peal, S. E., Esq.
Pitman, C. B.
Rudledge, W., Esq.
Roy, Chowdhry Taracoomar.
Rainey, J. Rudd, Esq.
Roy Chowdhry, Kally Prosono, Baboo.
Roy, Rajendro Narain.
Reinhold, H., Esq.
Stewart, J. R., Esq.
Stewart, M. C., Esq.
Sinson, N. F., Esq.
Schwendler, L., Esq.
Smith, J. S., Esq.
Schiller, F., Esq.
Schulze, G. F., Esq.
Smith, Esq.
Sirkar, Jogendro Lall.
Stuart, T., Mrs.
Samuells, C. A., Esq.
Stewart, R. D., Esq.
Stewart, C. W., Esq.
Swinley, E. H., Esq.
Sharling, C., Esq.
Teal, John and Co., Messrs.
Teale, F. G., Esq.
Tod, E. T., Esq.
Tonnere, F., Esq.
Thomas, J., Esq.
Vallatur, N. J., Esq.
Vowell, C. H., Esq.
Wilson, John, Esq.
Walsin, J., Esq.
Wilson, R., Esq.
Webster, Fred., Esq.
Wells, Granville H. H., Esq.
Wilcox, Lieutenant-Colonel G. B. C.
Waller, E. M., Esq.

APPENDIX No. 3.

FINANCIAL STATEMENT, ZOOLOGICAL GARDENS, CALCUTTA.

Abstract of Receipts and Expenditure from 1st April 1879 to 31st March 1880.

RECEIPTS.	Amount.	Total.	EXPENDITURE.	Amount.	Total.
	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
Balance in favour of the Gardens on 1st April 1879	2,468 11 9	2,468 11 9	Establishment	6,830 14 11	
Interest	554 1 7		Food of animals	13,402 9 3	
Donation and subscription... ...	17,970 0 0		Purchase of animals	1,217 2 3	
Rent	1,305 0 0	19,829 1 7	Contingencies	5,776 12 5	
Rink	683 0 0		Miscellaneous	6,526 13 9	33,754 4 7
Boat	376 0 0		Repairs of roads	1,181 2 3	
Carriage	757 0 0		Ditto of buildings	7,383 4 5	8,564 6 8
Horse	10 0 0		Garden construction	589 13 6	
Palkee	2 0 0		General ditto	15,391 4 7	15,981 2 1
Fishing	187 0 0	2,015 0 0	Roads	174 1 3	
Miscellaneous	2,469 6 6		Buildings	.....	
Sale of animals	160 0 0	2,629 6 6	Tools and plant	944 14 9	1,119 0 0
Entrance receipts	14,366 6 0	14,366 0 0			
Balance with Baboo R. B. Sanyal ...	50 0 0				
Ditto in favour of the Gardens with Messrs. H. S. King & Co., London...	1,002 0 9	1,052 0 9			
Government contribution	20,000 0 0	20,000 0 0	Balance in favor of the gardens ...	.....	2,941 13 3
Total ...	.....	62,360 10 7	Total ...	.....	62,360 10 7

Honorary Secretary.

APPENDIX No. 4.

Valuation List of important Animals living in the Gardens on 1st July 1880.

Number.	Name of Animals and Birds.	Value.
		Rs.
1	Giraffe ...	4,000
1	Tapir	800
1	Elephant ...	1,000
1	Lion (Rasheed) ...	1,500
1	Lioness (Zobedi) ...	1,000
1	Tiger (large male, presented by Nawab Ashanoolla).	1,500
1	Tiger (large male, presented by Baboo Rameswari Prosad).	1,500
1	Tigress (with young ones) ...	1,500
1	,, (presented by the Maharajah of Hill Tipperah.)	500
3	Cubs ...	600
2	Hunting Leopards ...	1,600
1	Black Leopard ...	800
2	Leopards ...	250
1	Large Himalayan Bear ...	500
2	Himalayan Bears ...	400
1	Gyal Bull (presented by the Maharajah of Hill Tipperah.)	2,000
1	Gyal Cow (young, presented by the Maharajah of Hill Tipperah.)	150
1	Gyal Cow (by exchange, Sir Ashley Eden).	400
1	Gyal Calf (by exchange) ...	100
2	Gyal Bulls (purchased through J. Jarbo, Esq).	300
2	Wapiti Deer ...	1,500
2	Moluccа Deer ...	1,000
3	Cervus rusa (Singapore) ...	500
2	Swamp Deer ...	800
3	Llamas ...	1,500
1	Camel ...	500
3	Donkeys ...	300
2	Ponies ...	300
11	Sambers ...	440
9	Spotted Deer ...	360
9	Hog Deer ...	180
2	Barking Deer ...	60
10	Antelopes ...	300
2	Four-horned Antelopes ...	60
1	Gazelle ...	80
2	Flat-horned Antelopes ...	500
1	Nilgai ...	80
1	Brahmin Bull ...	100
1	,, Cow ...	60
1	,, Calf ...	10
1	Beisa Antelope ...	500
1	African Cow ...	100
1	Malayan Bear ...	100
1	Plains Bear ...	300
1	Long-nosed Monkey (Borneo)	2,500
1	Red-haired Monkey (Semnopetheeus pyrrhus).	2,000
	Carried over ...	.....

Number.	Name of Animals and Birds.	Value.
		Rs.
	Brought forward ...	.....
1	Diana Monkey ...	600
1	Sooty ,, ...	100
1	Wanderoo Monkey (large)...	100
2	,, Monkeys (2 young)	100
1	Black-crested Baboon (Celebes)	500
1	,, ,, Ape (small) ...	100
1	Ashy Macaque ...	150
1	Bear-like Monkey (red face, large).	300
2	Bear-like Monkeys (ditto, small).	100
1	Macacus assamensis ...	150
2	,, smaller ...	150
1	Chacma Baboon (after being worked).	300
1	Dog-faced Monkey, large ...	150
2	,, Monkeys ...	150
1	,, Monkey (male) ...	100
2	Malbrouck ...	300
2	Hoolock ...	150
1	Assam Langur ...	100
1	Lion-like Monkey ...	150
3	Pig-tailed Monkeys ...	60
2	Ceylon Bonnet Monkeys ...	60
4	Madras ,, ,, ...	80
2	Ashy-black Monkeys ...	50
1	White Monkey (young, Macacus arctoides).	150
10	Cynomolgus Monkeys ...	100
8	Common Monkeys ...	80
9	Langurs ...	180
2	Capuchin Monkeys ...	100
2	Marmusets ...	150
2	Lemurs ...	100
3	Orangoutangs ...	500
2	Ostriches ...	1,000
2	Emues ...	500
1	Casuary ...	150
2	Rosy Tantalus ...	40
3	Culung Cranes ...	100
1	White Stork ...	25
1	Ibis (American, purchased from Mr. Ross).	50
1	Madarin Duck ...	45
2	Summer Ducks ...	100
3	Herons (white) ...	30
1	White Ibis ...	15
1	Night Heron ...	10
4	Purple Coots ...	55
2	Snake-birds ...	40
2	Seagulls ...	20
1	Brazilian cara-cara ...	100
2	Nepaul Forest Owls ...	50
5	Brown Fish Owls ...	25
2	Brown Fish Eagles ...	40
1	Bateluer Eagle ...	150
	Carried over ...	.....

Number.	Name of Animals and Birds.	Value.
		Rs.
	Brought forward ...	.....
2	Scavenger Vultures ...	30
1	Falco Jugger ...	4
2	Kestrils ...	4
2	Barn Owls ...	5
1	Small Purple-capped Lory ...	40
2	Trichoglossus rubritorquatus	60
1	Ditto Swainsonie ...	100
2	Crested Ground Parakeet ...	70
2	Striated Parrakeets (South America.)	100
1	Conurus guianensis ...	100
2	Blossom-headed Parrakeets...	20
2	Eos indica ...	60
1	Trichoglossus ornatus ...	20
2	Rose-ringed Parrakeets ...	20
2	Garrulax bispecularis ...	30
1	Blue-streaked Lory ...	60
1	Trichoglossus chlorolepedotus	50
4	Young Blossom-headed Parrakeets.	20
1	Black-capped Lory ...	45
1	Red Lory ...	20
1	English Magpie ...	60
1	Red-billed Blue Magpie ...	40
2	Rose Cockatoos ...	60
2	White-crested Babbling Thrushes.	20
1	Alexandrine Parrakeet ...	10
2	Wandering Magpies ...	30
1	Yellow Parrakeet ...	150
2	White Cockatoos (from Java)	150
1	Red Lory ...	20
1	Red Heraman ...	35
1	Candahar Magpie ...	100
1	Pennants Parrakeet ...	50
1	Rose Cockatoo ...	30
	Carried over ...	.....

Number.	Name of Animals and Birds.	Value.
		Rs.
	Brought forward ...	.....
1	New Holland Lory ...	30
2	Undulated Grass Parrakeet	6
2	King Lories ...	70
1	Rose Hill Parrakeet ...	70
2	,, Cockatoos ...	60
1	Piping Crow ...	50
1	Black Cockatoo (Aru) ...	250
2	Vasa Parrakeets ...	70
2	Slaty-headed Parrakeets ...	10
3	Pink ditto ...	10
1	Tanygnathus sumatranus ...	20
1	Chinese Thrush ...	16
2	Citron-crested Cockatoos ...	50
3	Large-billed Parrakeets ...	75
1	Red-breasted Parrakeet (Javanicus.)	40
1	Myna ...	10
5	Red-billed Hil Pit ...	15
3	,, Weaver Birds ...	6
15	Common Weavers ...	15
2	Purple-capped Lories ...	70
1	Amazon Parrakeet ...	100
2	Nandy Parrakeets ...	100
2	Maccaw ,, ...	100
1	Naked-eyed Cockatoo ...	250
1	Grey Parrot ...	80
1	Ring-necked Parrakeet ...	10
2	Leadbeater's Cockatoos ...	200
2	Rose-crested ,, ...	70
1	Long-billed Cockatoo ...	50
2	Boola-boola Parrots ...	80
2	Sulphur Cockatoos ...	60
1	Maccaw Parrakeet ...	50
1	Red-and-yellow Maccaw ...	100
1	Yellow-and-green Maccaw ...	100
	Total ...	47,191

J. A. E. and T. A. G.—Reg. No. 8010J.—10—8-11-80.

REVENUE DEPARTMENT.

No. 1436

From Under Secretary Govt. of India

Dated 10. March 1881.

FOR ORDERS.

I think the Hon'ble Lieut. Governor should be called on to specify what amounts & what arrangements they propose for their transport from Madras to Rangoon. Vide No. 5372/1544 of these papers with a view to be communicated to the

Board of Revenue, the Supt.
Central Museum, and the
President Madras Munici-
pality for information and
circulation to all persons
interested in such matters.

The Board will issue
such subsidiary instruc-
tions as they may deem de-
sirable, and will commu-
nicate with the Committee
of the Zoological Gardens
at Calcutta with reference
to the concluding sentence in
paragraph 1 of Mr. Bolton's
letter."

It does not seem ne-
cessary to reprint the ad-
ministration report.

Cal Gardens Supt

2
20 Madras Board of Revenue
2 " Supt. Govt. Central Museum
7 " President of the Madras Municipality

C. 1436

FOR ORDERS.

Regarding Specimens for the Zoological Gardens at Calcutta

70-71

C. 24-3-80 R. 5-4-80

10

No. 13
379.

From

J. C. Dawkes Esquire,
Under Secy to the Govt of India,

To

The Secretary to the Government
of Madras.

Fort William, the 10th March 1881.

Home R. V. & Dept.
Public

Sir,

I am directed to forward for such action as His Excellency the Governor in Council may see fit to take thereon the accompanying papers received from the Government of Bengal, in which co-operation is asked in the work of collecting specimens for the Zoological Gardens at Calcutta.

Letter No. 477-34 Dated 19th ultimo & enclosure

I have the honor to be
Sir
Your most obd. Servant

J. Dawkes
Under Secy to the Govt of India

No. 1881.

93

8

REVENUE (188/) DEPARTMENT.

No. 1636,

From Secy to Govt of Bengal

Dated 12
Recd. 15 } March 87.

No. 13/327

SUBJECT.

Forwarding papers received from the Govt of Bengal asking co-operation in the selection of specimens for the Zoological Gardens at Calcutta.

12

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

5th April 1881, No. 582.

READ THE FOLLOWING PAPER :—

No. 70. From F. C. DAUKES, Esq., Under Secretary to the Government of India, Home, Revenue, and Agricultural Department (Public), to the Secretary to the Government of Madras, dated Fort William, 10th March 1881, No. 13-397.

I AM directed to forward, for such action as His Excellency the Governor in Council may see fit to take thereon, the accompanying papers received from the Government of Bengal, in which co-operation is asked in the work of collecting specimens for the Zoological Gardens Calcutta.

Letter No. 477-34, dated 19th ultimo, and enclosures.

ENCLOSURE No. 1.

From C. W. BOLTON, Esq., Under Secretary to the Government of Bengal, Revenue Department, to the Secretary to the Government of India, Home, Revenue, and Agricultural Department, dated Calcutta, 19th February 1881, Mis. No. 477-34 (F).

IN compliance with a request from the Honorary Secretary to the Committee for the Management of the Calcutta Zoological Gardens, I am directed to ask that, with the permission of His Excellency the Governor-General in Council, the various Local Governments and Administrations may be requested to favor the Committee with their co-operation in the work of collecting specimens for the Gardens. Commissioners and district officers in Bengal have been directed by this Government to assist the Committee in this respect, and district officers have been authorized to pay for live animals forwarded to the Committee the rewards which are allowed for the destruction of such animals. The other Local Governments and Administrations might, perhaps, be disposed to issue similar instructions to their officers. The Committee of the Gardens will be ready to afford all necessary information to the authorities in other provinces regarding the animals which they desire to obtain, and the arrangements to be made for the transport of the specimens.

2. I am to forward, for distribution to the Local Governments and Administrations, fifteen copies of the last annual report on the Gardens and three copies of a general account of the institution.

ENCLOSURE No. 2.

ABSTRACT.—Report of the Honorary Committee of Management for the Zoological Gardens for 1879-80.

No. 71. ORDER THEREON, 5th April 1881, No. 582.

Miscellaneous.

THESE papers will be communicated to the Board of Revenue, the Superintendent, Central Museum, and the President, Madras Municipality, for information and circulation to all persons interested in such matters.

2. The Board will issue such subsidiary instructions as they may deem desirable, and will communicate with the Committee of the Zoological Gardens at Calcutta with reference to the concluding sentence in paragraph 1 of Mr. Bolton's letter.

(True Extract.)

(Signed) C. G. MASTER,
Secretary to Government.

To the Board of Revenue.
,, the Superintendent, Government Central Museum.
,, the President of the Madras Municipality.

Exd. A. F. Goodall.

60 Copies.

10

13

Govt. of (1881) Madras.

REVENUE.

To

THE BOARD OF REVENUE,

&c., &c., &c.

Dated April 5th.

Printed 12th.

Read. *Encl.*

G.O., 5th April 1881, No. 582.

APRIL.

Nos. 70-71.

SUBJECT.

Specimens for the Zoological Gardens at Calcutta.—Communicating to Board of Revenue for such instructions as they may deem desirable and for information to the Superintendent, Central Museum, and the President, Madras Municipality and circulation to all persons interested in such matters, letter from the Government of India forwarding papers received from the Government of Bengal asking co-operation in the collection of —.