

# **Report of the Committee for the Management of the Zoological Gardens Alipore, Calcutta**

**For the year - 1989-90**



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# Report of the Committee of Management of the Zoological Gardens, Alipore, Calcutta, for the year 1989-90



The committee of Management of the Zoological Garden, Alipore, Calcutta have much pleasure in presenting their report for the year ending on the 31st March, 1990.

The committee of Management reconstituted under notification No.ENV/936/1C-1/87 dated the 30th June, 1987 were in charge of the Garden during the year under report with members and office bearers as follows :

1.	Smt. Supriya Acharyya.	...	President.
2.	Sri Anil Mukherjee, M.L.A., Deputy Speaker, West Bengal Legislative Assembly.	...	Vice-President.
3.	The Secretary, Department of Environment, Government of West Bengal.	...	-do-
4.	Sri D. N. Banerjee, I.A.S. (Retd.)	...	Honorary Secretary.
5.	Sri Subodh Roy.	...	Member.
6.	Dr. Naresh Banerjee.	...	-do-
7.	Sri Arunava Dutta.	...	-do-
8.	Sri Satya Banerjee.	...	-do-
9.	Dr. Sukesh Ranjan Chakraborty.	...	-do-
10.	Sri Rama Prasad Banerjee.	...	-do-
11.	Sri S. L. Shroff.	...	-do-
12.	Smt. Chitralekha Todi.	...	-do-
13.	Sri Chitta Guha Thakurta.	...	-do-
14.	Sri Salque Laknawvi, Alderman, Calcutta Municipal Corporation (Ex-officio)	...	-do-
15.	The Chief Wild Life Warden, West Bengal (Ex-officio)	...	-do-
16.	The Divisional Commissioner, Presidency Division (Ex-officio)	...	-do-
17.	The Director, Veterinary Services, West Bengal, (Ex-officio)	...	-do-
18.	The Superintending Engineer, Public Works Department, Presidency Circle (Ex-officio)	...	-do-
19.	The Director, Zoological Survey of India, (Ex-officio.)	...	-do-

20.	Vice-Chancellor of the University of Calcutta (Ex-officio)	...	-do-
21.	The Secretary, Education (Primary & Secondary) Department, Government of West Bengal (Ex-officio)	...	-do-
22.	Sri A. K. Das, Director, Zoological Garden, Alipore (Ex-officio)	...	Joint Secretary

**MEETINGS :**

Managing Committee held 14 monthly meetings in the year under report including two special meetings. The permanent Sub-committee like the works Sub-committee, Establishment & Finance Sub-committee, Budget Sub-committee and Animal Health & Procurement Sub-committee held meetings and their recommendations were placed before the Managing Committee for approval.

**LIFE MEMBERS :**

Only one life member was enrolled during the year.

**STAFF :**

The staff strength in the Garden on the 31st March, 1990 were as follows :

- (1) Officers of the Govt. of West Bengal : 4
- (2) Garden employees of different categories : 223
- (3) (a) Ministerial Officers, (b) Ticket Clerks, (c) Veterinary Surgeons, (d) Engineering staff, (e) Animal Keepers, (f) Malies, (g) Mazdoors & (h) Durwans.

There were three part-time officers viz. one Medical Officer for Garden staff, one retired experienced Veterinary Officer to ensure better veterinary coverage & one retired Sub-Assistant Engineer to strengthen the engineering wing of the Garden.

The following special benefits were sanctioned to the staff during the year :-

- (1) During the year, summer uniforms made of terry-cotton were supplied to the Group-A, Group-D and some Group-C staff.
- (2) Benefits of pay revision in terms of West Bengal Service (Revision of Pay and Allowance) rules 1990 was extended to the Garden employees (vide Govt.'s Memo.No.630-F dated 17.1.90).
- (3) (i) A.D.A. at the rate of 23% of the emoluments as sanctioned by the State Government to their employees with effect from 1.6.89 (vide Govt.'s Memo.No.5919-F dated 20.5.89) was extended to the Garden staff with effect from the same date.  
(ii) A.D.A at the rate of 29% of the emoluments as sanctioned by the State Government to their employees with effect from 1.11.89 (vide Govt.'s Memo.No. 11560-F dated 20.10.89) was also extended to the Garden staff with effect from the same date.
- (4) Puja Ex-gratia at the rate of one month's emoluments viz. Pay, A.D.A. & Int.Relief was sanctioned to the Garden staff who were in the service of the Garden on 31.3.89 subject to a maximum of Rs.1,600/-.
- (5) Rs. 5,000/- was sanctioned to the Zoo Employees' Recreation Club to promote sports, games and cultural activities.

**ANIMAL WELFARE FORTNIGHT :**

The Animal Welfare Fortnight of India was observed in the Garden from 14th January to 28th January, 1990. As a part of the observance of the fortnight, a special function was arranged on Thursday, the 25th January, 1990 at 5-30 p.m. at the Audio-Visual Centre of the Garden. In the said function along with other dignitaries Dr. Ambarish Mukherjee, Minister-in-charge, Department of Environment and Forests, West Bengal graced the occasion with his kind presence as the Chief Guest. Smt. Supriya Acharyya, President of the Managing Committee presided over the function. Dr. Ambarish Mukherjee emphatically stressed on the need for conservation of flora & fauna of the forests. He also stated in his speech that the State Government had initiated several programmes to enrich the wild flora & fauna of the country.

Smt. Supriya Acharyya, President of the Managing Committee narrated cases of cruelties to animals as observed in our daily life. She also stressed on the conservation of animals for the benefit of the human society. Film shows on wild life were also screened on that occasion. The function was attended by a number of dignitaries, staff of the Garden and a large number of Zoo visitors. During the observance of the fortnight, several pictorial boards on wild life with suitable slogans on animal teasing, conservation etc. were exhibited in the Garden to the Zoo visitors.

**ACCIDENT :**

There was no accident of any serious nature in feeding, keeping, shifting of wild animals or in rendering veterinary aids to them.

**DEVELOPMENT WORKS IN THE GARDEN :**

Expenditures incurred by the Garden during the year on different development schemes out of plan funds provided by the State Government, were as follows :-

<u>Name of schemes.</u>	<u>Expenditure during the year.</u>
1. Improvement of Veterinary Hospital.	... Rs. 18,117.54
2. Construction of Open-air Enclosure for Bear Tribe (Due to non-completion of the work in the preceding year, the scheme was carried out over the year under report as an ongoing scheme).	... Rs.1,68,629.98
3. Construction of Open-air enclosure for Chimpanzee (The scheme was taken up earlier, but the same was completed in this financial year).	Rs. 6,783.44
4. Renovation of Pheasant House.	... Rs 41,368.00
5. Raising of the western compound of the boundary wall.	... Rs 19,016.35
6. Purchase of Registerex ticket issuing machine.	... Rs.1,24,171.59

**VISIT OF MINISTERS :**

Smt. Maneka Gandhi, Hon'ble Minister of State for Environment & Forests, Govt. of India visited Alipore zoo on 31st January, 1990. She was received at the Garden by Dr. Ambarish Mukherjee, Hon'ble Minister, Department of Environment & Forests, Government of West Bengal, Secretary & Joint Secretary of the Environment Department, President & the members of the Managing Committee. Smt Gandhi was shown round the garden while she visited different animal enclosures of the Zoo. At the Gifaffe's enclosure she christened the female Giraffe calf with the name of "Teesta" & Dr. Ambarish Mukherjee christened the name of the male calf as "Varun". Thereafter, she along with the Minister Dr. Mukherjee went to the Committee Room of the Garden and met with the members of the Managing Committee. Dr. Ambarish Mukherjee felicitated the Central Minister for her kind visit to the Garden & expressed to receive more sympathy and generosity in the all round development of the Garden. Mrs. Gandhi gave suitable reply and expressed her desire to visit the Garden again.

**ANIMALS IN THE ZOO :**

New addition to the collection of Mammals, Birds and Reptiles in the zoo during the year were as follows :-

	Mammals	Birds	Reptiles
By birth ..	27	45	x
By presentation ..	17	3	37
By purchase ..	2	22	x
By exchange ..	10	4	x
Capture from freedom ..	x	6	x

The most noteworthy addition during the year :

- By birth :
- a) Mammals : White Tiger Cub-1, Great Grey Kangaroo-1, White Fallow Deer-1, Brow-antlered Deer-2, Sambar Deer-2, Giraffe-1, Gayal-1.
  - b) Birds : Bare-eyed Cockatoo-1, Bhutan Grey Peacock Pheasant-8, Painted Stork-3, Spoonbill-1.
- By purchase :
- a) Mammals : Camel-2
  - b) Birds : Nepal Kalij Pheasant-4.
- By presentation :
- a) Mammals : Chimpanzee-2, Sloth Bear-2, Leopard-1, Jungle Cat-1, Otter-1, Pigtail Monkey-1, Common Langur-1.
  - b) Birds : Adjutant Stork-1.
  - c) Reptiles : Python-1, Starred Tortoise-1, Water Monitor-1, Yellow Monitor-1.
- By exchange :
- a) Mammals : Black Buck-2, Indian Porcupine-7, Indian Elephant-1.
  - b) Birds : White Peafowl-4.

The depletion of the stock during the year is furnished below :

	Mammals	Birds	Reptiles
By death ..	63	104	35
By sale ..	x	8	x
By exchange ..	1	20	x

The most regrettable losses by death were :

- a) **Mammals** : Brow-antlered Deer-2, Tiger Cub-1, Tiger (Normal coloured carrying gene for white)-2, Bennett's Wallaby-1, Grey Kangaroo - 1, Eland - 1, Brazilian Tapir - 1, Yak-1, Jaguar-1, African Lion-2.

b) **Birds** : Palwan Peacock Pheasant-1, Nepal Kalij Pheasant-2, Gold Pheasant-1, Ring Necked Pheasant-1, Chinese Silver Pheasant-1, Bare-eyed Cockatoo-1, Mute Swan-1.

c) **Reptiles** : Marsh Crocodile-1, Coast Crocodile-1, Python-1.

The overall stock position of Mammals, Birds and Reptiles in the Zoo at the close of the year along with stock position of preceding two years are furnished below :

	Mammals	Birds	Reptiles
1987-88	.. 483	1666	79
1988-89	.. 482	1684	76
1989-90	.. 474	1632	78

Mammals, Birds and Reptiles donated to the Garden by the public during the year are furnished in Appendix-'B'.

Stock position of Mammals, Birds, Reptiles & Fishes in the zoological Garden, Alipore as on 31st March, 1990 is furnished in Appendix-'C'.

### **CAPTIVE BREEDING :**

Captive breeding of animals was given the top priority since the procurement of wild animals is becoming very difficult. Constant attention was paid for controlled breeding of animals of this Garden. Although persistent limitations like want of suitable breedable pair, non-availability of fresh breedable pair, loss of reproductive capacity of some of the animals are prevailing, only due to successful controlled breeding a good number of rare animals & birds like Brow-antlered Deer, Sambar Deer, White Tiger, Giraffe, Fallow Deer, Spoonbill, Bhutan Grey Peacock Pheasant & Painted Stork were born in this Garden.

27 No. of Mammals & 45 No. of Birds were born during the year under report.

### **MIGRATORY BIRDS :**

The number of migratory birds which visit the Garden during winter was declining for the last five years. But during the financial year under report, a large number of migratory birds consisting of Lesser whistling Teal, Greater Whistling Teal, Comb Duck, Pintail Duck and Garganey Teal came at the Garden lake. On the 18th February, 1990, the number of migratory birds as counted by eye estimation was about ten thousands and this increase was continued till 20th February, 1990. The arrival of migratory birds in large number after a lapse of five years was well ventilated through public media.

### **ANIMAL HEALTH :**

The most common ailments amongst the mammals, birds and reptiles of the Garden during this year were as follows :-

In Mammals : Indigestion, enteritis, skin affection, tuberculosis & liver abscess.

In Birds : Diarrhoea, enteritis, impaction, pneumonia & liver abscess.

In Reptiles : In case of reptiles non acceptance of food during and after hibernation & ulceration of oral cavity were the main ailments.

Mortality : (1) Main causes of death amongst the mammals were tuberculosis, liver abscess, septic wound, internal haemorrhage, pneumonia & pericarditis.

(2) Enteritis, liver abscess, hydrothorax, diarrhoea, impaction, pasteurellosis, pneumonia & hepatitis were the main causes of death amongst the birds of the Garden.

(3) In case of reptiles, non acceptance of food during and after hibernation, ulceration in the oral cavity & Internal haemorrhage were the main causes of death.

### PREVENTIVE MEASURES TAKEN DURING THE YEAR

- (1) antitubercular drug was given at a regular interval to monkeys, deer, chimpanzees, antelopes & giraffes as preventive measures against tuberculosis.
- (2) Sulcoprim powder was given to all birds as preventive measures against coccidiosis.
- (3) Hostacycline water soluble powder was given to all birds through drinking water as preventive measures against enteric diseases.
- (4) Water troughs and water pools of different aviaries were cleaned regularly with lime. Frequent changes of water of the water-troughs were done as steps against enteric diseases.
- (5) Disinfection done with disinfectants like phenyl, lysol and lime, regularly to all the cages of Monkeys, Chimpanzee, Lion, Tiger, Leopard, Jaguar etc.

### VISITORS :

The number of visitors to the Garden, the Children's Zoo, the Aquarium and the White Tiger enclosures during the year and preceding two years are given below :

<u>Year</u>	<u>Student visitors on 50% concession</u>	<u>Paying visitors to the Main Garden</u>	<u>Aquarium visitors</u>	<u>Children's Zoo visitors</u>	<u>White Tiger visitors</u>
1987-88	9,528	22,48,644	1,55,597	4,50,233	6,11,002
1988-89	9,763	22,83,604	1,50,527	4,74,200	5,70,412
1989-90	9,561	21,25,083	1,52,065	3,92,208	5,44,348

The number of visitors during the year under report was less excepting in the Aquarium in comparison to preceding two years. This may be accounted to some extent for the rains during Durga Puja festival, counter attraction for the MRF World Cup Cricket Tournament held from 20th October to 1st November, 1989 at Eden Garden and the partial suspension of public vehicles for more than a week due to 9th Lokshabha Election held on 24th November, 1989.

### GARDENING :

The Calcutta Zoo is famous for its landscape gardening which was maintained and improved during the year. Several seasonal plants like Chrysanthemum, Dahlia, Marigold, Parisy, Salvia etc. were grown profusely which drew the spontaneous attraction of the visitors. The Garden was kept clean and dust free by regular cleaning and washing the lawns, hedges and roads.

Following varieties of trees and shrubs were planted in the Garden during the year :

- |   |    |        |
|---|----|--------|
| 1. Banyan Tree ( <i>Ficus bengalensis</i> )         | .. | 8 Nos. |
| 2. Java fig ( <i>Ficus bengamina</i> )              | .. | 4 Nos. |
| 3. Peepul ( <i>Ficus religiosa</i> )                | .. | 6 Nos. |
| 4. Brownea ( <i>Brownea coccinea</i> )              | .. | 3 Nos. |
| 5. Asok ( <i>Saraca indica</i> )                    | .. | 8 Nos. |
| 6. Different varieties of Crotons.                  |    |        |
| 7. Different varieties of plants for making hedges. |    |        |

The Garden participated in different flower shows organised by different institutions and obtained the following prizes and certificates of honour.

1. Flower show held at Assembly House, organised by Calcutta Flower Growers' Association.
  - a) Second Prize in small flowering type of Chrysanthemum - One Bronze-plated medal with certificate.

2. Flower show held at the Agri-Horticultural Society of India, Alipore.

First Prize - in arrangement of miniature Chrysanthemum. Seth Jalan Challenge Trophy was awarded to the Garden with certificate and medal for arranging Chrysanthemum in group.

3. Annual Flower show at Lions Children Park, Deshapriya Park, Calcutta 29.

A certificate of merit and following prizes were awarded to the Garden.

a) Polythene Bucket	..	1 No.
b) Hand sprayer	..	-do-
c) Hook Hoe	..	-do-
d) Spoon Hoe	..	-do-
e) Prunner	..	-do-
f) Knife	..	-do-
g) Nirani	..	-do-

### AQUARIUM :

The Aquarium of this Zoo is the biggest fresh-water aquarium in the Eastern India having 17 big tanks and 48 small tanks where 90 nos. of species on an average were exhibited throughout the year. The number of visitors during 1989-90 and two preceding years were as follows :

1987-88	..	1,55,597
1988-89	..	1,50,527
1989.90	..	1,52,065

The opening stock of fishes on 1st April, 1989 was 1037. During the year under report, 1976 nos. of fishes were added and 628 nos. of fishes died leading the closing balance to 1485.

Important fishes added during the year :

- i) By purchase : 24 Angel, 5 Discus, 12 Silver Dollar, 5 Albino shark & 3 Crocodile fish.
- ii) By presentation : 1 Sucker Fish, 2 Tiger Shark, 14 Gold fish, 5 Discus & 5 Silver Shark.

Important deaths during the year :

3 Piranha, 9 Gold fish, 3 Silver Dollar, 3 Discus, 1 Golden Angel, 14 Black Angel & 4 Silver Shark.

Stock position of fishes as on 31st March, 1990 is furnished in Appendix - 'C'.

### FINANCE (GENERAL FUND) :

The total receipts of the Garden including an opening deficit balance of Rs. 72,743/- and Government grant of Rs. 38,06,000/- were Rs. 82,18,816/- as against of Rs. 72,66,162/- in the previous year. The increase of receipt during the year is due to sanction of increased Government grant amounting to Rs. 38,06,000/- as against Rs. 36,25,000/- in previous year and increased entrance receipts of Rs. 31,89,482/- as against Rs. 22,88,484/- of the previous year due to introduction of enhanced entrance fee from Rs. 1 to Rs. 1.50 per head in the general Garden, Re.0.30 to Re. 0.50 per head in the Children's Zoo (vide Notification No. ENV/432/2Z-6/88 dated 1.4.89).

The total expenditure of the Garden during the year under report was Rs. 82,93,668/- as against Rs. 73,38,905/- in the previous year. The increase of expenditure is due to high cost of animal food, medicines, establishment cost for grant of additional dearness allowance and enhanced taxes of Calcutta Municipal Corporation. The year closed with a deficit of Rs. 74,852/-. An abstract financial statement of the year 1989-90 is enclosed vide Appendix - 'A'.

**DISTINGUISHED VISITORS :**

Distinguished visitors from different parts of the country and abroad visited the Garden during the year. They included amongst others :

1. Shri Ramjaipal Yadav,  
Minister, Housing and Energy,  
Bihar.
2. Shri Kanti Biswas,  
Minister, Department of Education,  
West Bengal.
3. Smt. Maneka Gandhi,  
Minister of State,  
Department of Environment & Forests,  
Government of India.

Remarks made by them in the visitors book of the Garden are given below :

"I visited the Zoo with my family members. The Director of the Zoo provided me a guide who helped me in many respects. I got a very good hospitality and my grand children learnt a lot."

Sd/- Ramjaipal Yadav.

"I have been highly impressed to see the plethora of animals and birds in the Zoo and am highly satisfied to see the neatness and cleanliness in maintenance of the Garden. I hope more and more people will be attracted to visit this nice place of importance."

Sd/- Kanti Biswas  
10.12.89.

"I would like some more trees, specially fruit trees planted. There should be a complete ban accompanied by fine on bringing food into the Zoo. Also fencing in the green areas to conserve the grass/plants."

Sd/- Maneka Gandhi.  
31.1.90.

**ACKNOWLEDGEMENT**

The Committee of Management express their gratefulness to the Government of West Bengal for various assistance on different counts and unfailing help and co-operation in all matters in the management of the Garden. The Committee also express their thankfulness to different institutions, editors of news papers, All India Radio, Calcutta Doordarshan, the Calcutta Municipal Corporation, Calcutta Police, World Wide Fund, Eastern region, Bharat Scouts and Guides, West Bengal, Port Trust of Calcutta for diverse facilities and assistance received from them. Thanks are also due to the Nagarik Swasthya Sangha for rendering first -aid and other services to the visitors during rush days.

Lastly, the committee record their appreciation of the services of the employees of the Garden who have substantially contributed towards the satisfactory results achieved during the year.

Sd/-  
Bhabatosh Roy  
Honorary Secretary.

Dated, the 15th April, 1995.

**APPENDIX - A**

Abstract Financial statement of the year 1989-90

**GENERAL FUND****RECEIPTS**

1.	Opening balance	(-) Rs.	<u>72,743.00</u>
2.	Rent, Licence fees etc.	Rs.	7,08,686.85
3.	Entrance receipts (Main Garden)	Rs.	31,89,482.75
4.	Entrance receipts (Children's Zoo)	Rs.	1,95,725.60
5.	Entrance receipts (White Tiger)	Rs.	1,36,087.00
6.	Entrance receipts (Aquarium)	Rs.	1,52,065.00
7.	Miscellaneous receipts :		
	(a) Sale of Rhino Urine etc.	Rs. 2,516.50	
	(b) Sundries	<u>Rs.99,470.41</u>	Rs. 1,01,986.91
8.	Donation and subscription	Rs.	250.00
9.	Interest on Investment	Rs.	1,275.05
10.	Govt. grant for meeting the deficit	<u>Rs.</u>	<u>38,06,000.00</u>
	Total receipt during the year ...	Rs.	<u>82,91,559.16</u>
	Net ..	Rs.	<u>82,18,816.16</u>

**EXPENDITURE :**

1. a)	Establishment Pay	Rs. 14,40,776.44	
b)	Establishment allowance	<u>Rs. 25,44,716.63</u>	Rs. 39,85,493.07
2.	Food of animals		Rs. 19,98,559.84
3.	Contribution to Funds		Rs. 4,25,175.53
4.	<u>Miscellaneous &amp; Contingencies :</u>		
a)	Electric charges	Rs. 2,19,758.00	
b)	Telephone	Rs. 11,512.00	
c)	Medicine for Hospital use	Rs. 43,760.33	
d)	Stationary & Printing	Rs. 40,487.84	
e)	Corporation taxes	Rs. 97,271.00	
f)	Advertisement	Rs. 9,653.20	
g)	Uniforms to staff	Rs. 14,551.40	
h)	Sundries	<u>Rs. 2,45,932.33</u>	Rs. 6,82,926.10
5.	Repair to Buildings		Rs. 10,99,974.81
6.	Repair to Roads		Rs. 58,122.46
7.	Purchase & transport of animals		Rs. 33,959.62
8.	Gardening		<u>Rs. 9,457.30</u>
	Total expenditure during the year ..		Rs. 82,93,668.73
	Deficit	(-) ..	Rs. <u>74,852.57</u>
	Net ..		Rs. <u>82,18,816.16</u>

**APPENDIX - B**List of Donors of animals during the year 1989-90

1.	Conservator of Forest, Wild Life Circle, West Bengal.	...	2 Sloth Bear.
2.	Chief Wild Life Warden, West Bengal.	...	1 Jungle Cat.
3.	Forest Directorate, West Bengal.	...	1 Leopard.
4.	Shri Biswamber Mondal, Calcutta - 8.	...	1 Indian Cobra.
5.	Sri Samar N. Roy, Calcutta - 27.	...	1 Starred Tortoise.
6.	Sri Alok Kr. Manna, Dist. Midnapore.	...	1 Barn Owl.
7.	Md. Khalick, Bihar.	...	1 Common Langur.
8.	Sri Nabu Bajikar, Dist. 24 - Parganas (South)	...	1 Bronzeback tree snake, 1 Common Cobra, 1 Ornamental Snake & 1 Vine Snake.
9.	Dulal Sekh, Dist. - 24 - Parganas (South)	...	7 Tucktoo.
10.	Alam Sekh, Dist - 24 Parganas. (South)	...	3 Tucktoo and 1 Bronzeback tree snake.
11.	Chief Wild Life Warden, Govt. of West Bengal.	...	1 Common Langur.
12.	Officer - in -charge, Shyampukur Police Station, Calcutta.	...	1 Rhesus Monkey.
13.	Sri Gopal Choudhuri, Dist. 24-Parganas(South)	...	1 Otter.
14.	Alam Sekh, Dist. 24 - Parganas (South)	...	3 Vine Snake.
15.	Sri Swapan Das, Dist, 24 - Parganas (South)	...	2 Bronzeback tree snake.
16.	Sri Biswanath Dawn, Calcutta - 61.	...	1 Water Monitor.
17.	Shri Ashok Kr. Bar, Calcutta - 15.	...	1 Python.
18.	Shri Swapan Kr. Naskar, Dist. 24 - Parganas (South)	...	1 Indian Cobra.
19.	Shri Ganesh Dhara, Dist. 24 - Parganas(South)	...	1 Russell's Viper.
20.	Shri Duli Chand, Sarma, Calcutta.	...	1 Common Langur.
21.	Mr. S.A.H. Barkati, Calcutta - 23.	...	1 Pigtailed Monkey.
22.	Capt. Ashok Sengupta, Calcutta - 68.	...	1 Starred Tortoise.
23.	Sri Kashinath Mistry, Dist. 24-Parganas(South)	...	1 Indian Cobra.
24.	Chief Wild Life Warden, Department of Forests, West Bengal.	...	1 Common Langur.
25.	Shri Kartick Chandra Bar, P.O. Tangara, Calcutta. 15.	...	1 Indian Cobra.
26.	Mr. Sayed Abdul Basar, Calcutta - 23.	...	1 Sand Boa.
27.	Mr. Leo Yuam Sheng, Calcutta - 17.	...	1 Starred Tortoise.
28.	Sri Kunjeswar Chakraborty, Calcutta - 36.	...	1 Bonnet Monkey.
29.	Mr. Richard Docosta, Calcutta - 23.	...	1 Bonnet Monkey.
30.	Sri Tapas Kumar Chatterjee, Howrah.	...	1 Rat Snake.
31.	Officer - in- charge, P.S. Dhaniakhali, Dist. Hoogly.	...	1 Adjutant Stork.
32.	Sri Gopal Modak, Behala, Calcutta - 60	...	1 Jungle Cat.

31.	Hog Deer.	...	11
32.	Barking Deer.	...	7
33.	Brow-antlered Deer.	...	21
34.	Swamp deer.	...	1
35.	Fallow Deer (White).	...	8
36.	Great Grey Kangaroo.	...	8
37.	Grant's Zebra.	...	2
38.	Himalayan Black Bear.	...	4
39.	Malayan Sun Bear.	...	1
40.	Sloth Bear.	...	4
41.	European Brown Bear.	...	2
42.	Slender Lories.	...	1
43.	Bonnet Monkey.	...	35
44.	Rhesus Monkey.	...	4
45.	Crab eating Monkey.	...	1
46.	Golden Langur.	...	1
47.	Common Langur.	...	4
48.	Pigtailed Monkey.	...	1
49.	Hamadriyas Baboon.	...	2
50.	Chimpanzee.	...	3
51.	Orange Bellied Himalayan Squirrel.	...	1
52.	Large Indian Squirrel.	...	1
53.	Malayan Giant Squirrel.	...	1
54.	Bengal Porcupine.	...	8
55.	Indian Pangolin.	...	1
56.	Guineapig.	...	30
57.	White Rabbit.	...	16
58.	White Rat.	...	55
59.	Lamb.	...	2
60.	Echidna.	...	1
	Total		<u>474</u>

**BIRDS :**

1.	Swinhoe's Pheasant.	...	6
2.	Chinese Silver Pheasant.	...	26

3.	Gold Pheasant.	...	4
4.	Malayan Crested fireback Pheasant.	...	2
5.	Bhutan Grey Peacock Pheasant.	...	46
6.	Reeve's Pheasant.	...	3
7.	Lady Amherst's Pheasant.	...	3
8.	Purple Kalij Pheasant.	...	1
9.	Nepal Kalij Pheasant.	...	3
10.	Palwan Peacock Pheasant.	...	1
11.	Satyr Tragopan.	...	1
12.	Common Peafowl.	...	10
13.	White Peafowl.	...	5
14.	Green Peafowl.	...	2
15.	Grey Jungle Fowl.	...	2
16.	Ceylon Jungle Fowl.	...	6
17.	Red spur Fowl.	...	2
18.	Silkie Fowl (White)	...	3
19.	Guinea Fowl (White)	...	2
20.	Polish Fowl.	...	9
21.	Guinea Fowl (grey)	...	3
22.	Brahma Fowl.	...	17
23.	Mini cochin Bantam (Black).	...	1
24.	Domestic Bantam.	...	28
25.	Belgium Booted Bantam.	...	1
26.	Japanese Bantam (Black)	...	1
27.	Homer Pigeon.	...	41
28.	Nilgiri wood Pigeon.	...	11
29.	Green Pigeon.	...	4
30.	Green Imperial Pigeon.	...	22
31.	Nicobar Pigeon.	...	11
32.	Victoria Crown Pigeon.	...	2
33.	Indian Emerald Dove.	...	2
34.	Zebra Dove.	...	1
35.	White Dove.	...	18
36.	Spotted Dove.	...	142

37.	Rufous Turtle Dove.	...	3
38.	Ring Necked Dove.	...	10
39.	Australian Diamond Dove.	...	6
40.	Budgerigar.	...	341
41.	Java Sparrow (Grey).	...	175
42.	Java Sparrow (White).	...	50
43.	Red Vented Bulbul.	...	2
44.	Red Whiskered Bulbul.	...	3
45.	Orange Headed Ground Thrush.	...	5
46.	Black Gorgetted Laughing Thrush.	...	3
47.	White Crested Laughing Thrush.	...	3
48.	Magpie Rabin.	...	2
49.	Blue Throated Barbet.	...	3
50.	Red Billed Blue Magpie.	...	3
51.	Rosy Pastor.	...	4
52.	Zebra Finch.	...	30
53.	Red Munia.	...	3
54.	Common Baya.	...	1
55.	Finn's Baya.	...	1
56.	Spice Bird.	...	2
57.	Three Coloured Mannikin.	...	3
58.	Hill Mayna.	...	4
59.	Bank Mayna.	...	1
60.	Gold Crested Mayna.	...	1
61.	Brahminy Mayna.	...	2
62.	Racket Tailed Drongo.	...	3
63.	Indian Koel.	...	8
64.	White Crow.	...	3
65.	Common Babbler.	...	3
66.	Shama.	...	1
67.	White Breasted King Fisher.	...	4
68.	Grey Cockatiel.	...	10
69.	Fawn Cockatiel.	...	2
70.	Pearl Cockatiel.	...	2
71.	Albino Cockatiel.	...	3

72.	Rosy Faced Love Bird.	...	4
73.	Green Peach Faced Love Bird.	...	9
74.	Fischer's Love Bird.	...	4
75.	Malabar parakeet.	...	1
76.	Blossom Headed Parakeet.	...	1
77.	Rose Ringed Parakeet.	...	53
78.	Rainbow Lorikeet.	...	3
79.	Black capped Lory.	...	2
80.	Indian Red Breasted Parakeet.	...	8
81.	Bare Eyed Cockatoo.	...	10
82.	Lesser Sulphur Crested Cockatoo.	...	1
83.	Citron Crested Cockatoo.	...	2
84.	Scarlet Macaw.	...	1
85.	Illiger's Macaw	...	1
86.	Blue & Yellow Macaw.	...	1
87.	Hyacinthine Macaw.	...	1
88.	Red & Blue Macaw.	...	1
89.	Crimson Breasted Conure.	...	2
90.	Brown Eared Conure.	...	1
91.	Emu.	...	2
92.	Two wattled Cassowary.	...	2
93.	Rosy Pelican.	...	3
94.	Spot Billed Pelican.	...	5
95.	Greater Flamingo.	...	7
96.	White Ibis.	...	11
97.	Spoonbill.	...	33
98.	Eastern Large Egret.	...	5
99.	Red Wattled Lapwing.	...	2
100.	Yellow wattled Lapwing.	...	1
101.	Black Necked stork.	...	3
102.	Black Stork.	...	4
103.	Painted Stork.	...	8
104.	White Necked Stork.	...	4
105.	Adjutant Stork.	...	2
106.	White Stork.	...	6

107.	Sarus Crane.	...	16
108.	Common Crane.	...	7
109.	Demoiselle Crane.	...	9
110.	Cape Crowned Crane.	...	5
111.	Mute Swan.	...	3
112.	Bar Headed Goose.	...	7
113.	Greylag Goose.	...	10
114.	Domestic Goose.	...	68
115.	Pintail Duck.	...	8
116.	Spot Billed Duck.	...	2
117.	Muscovy Duck.	...	26
118.	White Crested Duck.	...	2
119.	Carolina Duck.	...	3
120.	Wigeon Duck.	...	2
121.	White eyed Pochard.	...	2
122.	Red Crested Pochard.	...	1
123.	Tufted Pochard.	...	2
124.	Cotton Teal.	...	2
125.	Lesser Whistling Teal.	...	24
126.	Greater Whistling Teal.	...	5
127.	Garganey Teal.	...	30
128.	Cormorant.	...	2
129.	White Breasted Water Hen.	...	4
130.	Serpent Eagle.	...	1
131.	Black Partridge.	...	3
132.	Great Indian Hombill.	...	1
133.	Purple Moorhen.	...	14
134.	Brahminy Duck.	...	10
135.	Blue Faced Love Bird.	...	2
136.	Grey partridge.	...	3
137.	Barn Owl.	...	2
138.	White Cheeked Bulbul	...	2
Total :			1632

**REPTILES :**

1.	Python.	...	5
2.	King Cobra.	...	4
3.	Indian Cobra.	...	8
4.	Banded Krait.	...	5
5.	Russell's Viper.	...	1
6.	Sand Boa.	...	4
7.	Red Sand Snake.	...	1
8.	Indian Rat Snake.	...	4
9.	Vine Snake.	...	4
10.	Bronze back Tree Snake.	...	2
11.	Ornamental Snake.	...	3
12.	Checkered Keelback Water snake.	...	2
13.	Tucktoo.	...	10
14.	Water Monitor.	...	2
15.	Marsh Crocodile.	...	3
16.	Coast Crocodile.	...	1
17.	Gharial.	...	4
18.	American allegator.	...	1
19.	Starred Tortoise.	...	13
20.	Aldabra Giant Tortoise.	...	1
	Total :		<u>78</u>

**FISH :**

1.	Catla.	...	1
2.	Grass Carp.	...	1
3.	Mirgel.	...	2
4.	American Rohoo	...	1
5.	Koi fish.	...	1
6.	Red fin Shark.	...	9
7.	Up side down cat fish.	...	7
8.	Albino red fin shark.	...	7
9.	Red. tail black Shark.	...	21
10.	Camalion Gobby.	...	1

11.	Bronze Corydorus.	...	1
12.	Coolie Loach.	...	20
13.	Flying Fox.	...	3
14.	Zebra Danio.	...	48
15.	Remi Rezi.	...	37
16.	Hocky Stick.	...	12
17.	Neyasa Cichlid.	...	6
18.	Glass cat fish.	...	11
19.	Golden Tinfoil Barb.	...	3
20.	Tiger Shark.	...	32
21.	Silver Shark.	...	17
22.	Silver Dollar.	...	12
23.	Orange Cromide.	...	3
24.	Piranha.	...	1
25.	Japanese Koi Carp.	...	37
26.	Pseudotropheus sp.	...	2
27.	Zebra Cichlid.	...	3
28.	Discus.	...	7
29.	Subhunkin.	...	11
30.	Wakin.	...	2
31.	Blue Jhonie.	...	6
32.	Appolo Shark.	...	9
33.	Singhi Fish.	...	6
34.	Razor Fish.	...	1
35.	Tinfoil Barb.	...	45
36.	Cat Fish.	...	23
37.	Tiger Oscar.	...	2
38.	Pseudotropheus Auratus.	...	6
39.	Dwarf Gourami.	...	11
40.	Badis.	...	3
41.	Schuberty Barb.	...	17
42.	White Cosby Gourami.	...	4
43.	Golden Angel.	...	9
44.	Widow Tetra.	...	29
45.	Tiger Loach.	...	15

46.	Albino Cat Fish.	...	13
47.	Giant Gourami.	...	2
48.	Black Banded Leporinus.	...	3
49.	Black Angel.	...	23
50.	Gambusia.	...	5
51.	Rani Loach.	...	11
52.	Texas Cichlid.	...	3
53.	Sailfin Molly.	...	9
54.	Golden Glass fish.	...	13
55.	Gold Fish.	...	32
56.	Fire mouth Cichlid.	...	37
57.	Albino Molly.	...	29
58.	Salivini Cichlid.	...	2
59.	Pseudotropheus Liceanciasis.	...	1
60.	Green Rosy Barb.	...	12
61.	Crocodile Fish.	...	13
62.	Red Molly.	...	3
63.	Orange Punchax.	...	2
64.	Ticto Barb.	...	28
65.	Eel.	...	23
66.	Black Shark.	...	12
67.	American Flag Fish.	...	15
68.	Fighting Fish.	...	6
69.	Sarpae Tetra.	...	20
70.	Albino Pristela.	...	7
71.	Scavenger Fish.	...	9
72.	Paul Hanel Guppy.	...	10
73.	Albino Severus.	...	2
74.	Red Sword Tail.	...	81
75.	Nandas.	...	3
76.	Tiger Barb.	...	41
77.	B.A. Tetra.	...	10
78.	Angel.	...	14
79.	Rosy Barb.	...	20
80.	Gold sum Cichlid.	...	2

81.	Cosby Gourami.	...	53
82.	Guppy.	...	46
83.	Manila Carp.	...	49
84.	Bumble Cat Fish.	...	2
85.	Rashbora Herlequeen.	...	7
86.	Honey Gourami.	...	9
87.	Chequer Barb.	...	8
88.	Head Stander.	...	6
89.	Pearl Gourami.	...	14
90.	Diamond Tetra.	...	11
91.	Scissor Barb.	...	4
92.	Rainbow Shark.	...	4
93.	Kissing Gourami.	...	36
94.	Albino Tiger Barb.	...	7
95.	Black Molly.	...	137
96.	Black Tetra.	...	38
97.	Leopard Danio.	...	12
98.	Mono Angel.	...	2
99.	Clown Loach.	...	1
100.	Red Eye Tetra.	...	14
101.	Black Splended Rainbow Shark.	...	5
	Total :		<u>1485</u>

