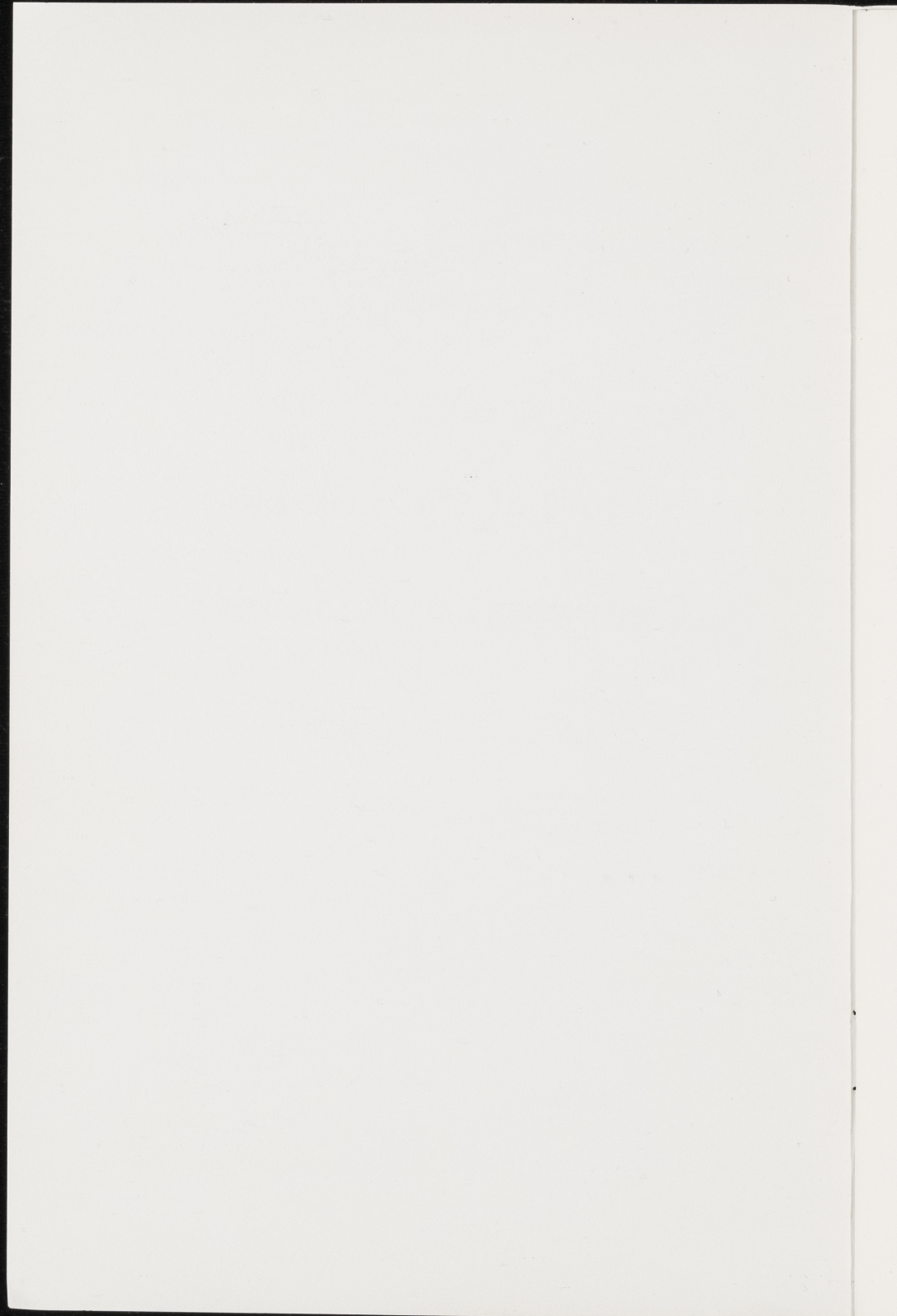


THE
NORTH OF ENGLAND
ZOOLOGICAL SOCIETY
CHESTER

Report of the Council
and
Statement of Accounts
1971



**NOTICE OF
THE 38th ANNUAL GENERAL MEETING
OF
THE NORTH OF ENGLAND ZOOLOGICAL SOCIETY**

**To be held on Saturday, 27th May, 1972, at 3.30 p.m.
at the Russell Allen Lecture Hall,
Zoological Gardens, Upton-by-Chester.**

PROCEDURE AT THE ANNUAL GENERAL MEETING

- (a) The reading of the Minutes of the previous Annual General Meeting.
- (b) Presentation of the Income and Expenditure Account and Balance Sheet and the Auditor's Report thereon.
- (c) Discussion of the Auditor's Report.
- (d) Presentation of the Council's Report.
- (e) Discussion of the Council's Report.
- (f) The appointment of Scrutineers and the opening of the Ballot for the election of members of the Council.
- (g) Receiving the Report of the Scrutineers on the result of the Ballot.

MEMBERS OF THE COUNCIL - 1971

MISS G. M. RUSSELL ALLEN, O.B.E. (Chairman)
HER GRACE SALLY, DUCHESS OF WESTMINSTER
A. C. JOHNSON.
*F. MOSFORD.
*H. F. PARKER.
W. P. BLAND.
J. N. WILSON.
*J. A. KILPATRICK, M.B., Ch.B., F.R.C.S.E.
THE RT. HON. LORD TOLLEMACHE, M.C., D.L.
A. E. SMITH.
H. D. COOPER, F.I.M., F.S.F., Cert. A.I.B.
A. K. McGHIE, A.I.B.
G. R. PRYOR, C.Eng., Hon. M.I.Prod.E., F.B.I.M.
*PROFESSOR J. O. L. KING,
Ph.D., M.V.Sc., B.Sc. (Agric.), F.R.C.V.S.
*E. SORBY, M.A. (Oxon).

DIRECTOR-SECRETARY

G. S. MOTTERSHEAD, M.Sc.

Members indicated thus * are due to retire at the Annual General Meeting and offer themselves for re-election.

If any seven members desire to recommend alternative names of members for election to the Council they shall give notice in writing to the Secretary not later than 14 days before the Annual General Meeting and such names shall be added to the list already accepted.

INCOME AND EXPENDITURE ACCOUNT

	1971		1970	
	£	£	£	£
Catering Purchases, including Ice Cream, after Stock Adjustments	94,278		88,673	
Purchases of Cigarettes, Tobacco, Sweets and Chocolates after Stock Adjustments	22,844		24,446	
Souvenir Shop Purchases, after Stock Adjustments	35,162	152,284	29,644	142,763
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Salaries, Wages, National Insurance and Superannuation Contributions		214,606		195,768
Animal and Bird Food		48,420		45,271
Opening Stock of Farm Livestock	1,400		1,890	
Purchases of Farm Livestock	1,888		1,200	
Opening Stock of Farm Produce and Seeds	3,342		4,043	
Purchases of Farm Seeds and Fertilisers and Contract Work	920	7,550	798	7,931
<hr/>				
Veterinary Surgeon and Animal Medicines	2,705		2,432	
Seeds, Plants and Fertilisers for Grounds and Gardens	1,371		1,220	
Rent, Rates, Water and Tithe	8,569		7,293	
Insurance Premiums	2,388		2,304	
Lighting, Heating and Fuel	20,512		18,159	
Repairs and Renewals and Maintenance	15,364		10,751	
Advertising	3,923		3,394	
Printing, Stationery and Postages	5,550		5,171	
Travelling and Entertainment Expenses	1,522		1,445	
Running Expenses of Motor Vehicles and Motor Boats	4,718		5,038	
Telephone	1,739		1,534	
Bank Interest and Commission	774		604	
Professional Fees (including Auditors' Remuneration £450) (1970 - £420)	886		786	
Laundry and Cleaning Materials	2,903		2,507	
Miscellaneous Expenses	1,664	74,588	1,704	64,342
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Depreciation of Fixed Assets as per annexed Schedule		28,786		28,739
Net Surplus for the year		93,608		51,642
		<hr/> <hr/>		<hr/> <hr/>
		£619,842		£536,456

FOR THE YEAR ENDED 31st DECEMBER, 1971

	1971		1970	
	£	£	£	£
Admission Charges:				
Gate Receipts	245,453		193,462	
Tropical House	23,204		21,090	
Aquarium	5,389	274,046	5,721	220,273
<hr/>				
Catering Receipts	181,005		165,855	
Ice Cream Kiosk Sales	20,197		15,780	
Sales of Cigarettes, Tobacco, Sweets and Chocolates	27,858		28,234	
Souvenir Shop Sales	58,145	287,205	48,865	258,734
<hr/>				
Sales of Farm Livestock	1,839		2,105	
Closing Stock of Farm Livestock	2,178		1,400	
Sales of Farm Produce	-		2	
Value of Farm Produce Consumed:				
Catering	1,051		1,005	
Animal Food	3,290		3,705	
Closing Stock of Farm Produce	4,258	12,616	3,342	11,559
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Other Receipts:				
Car Park	16,833		16,261	
Motor Boat Trips	7,961		8,489	
Zoo News and Zoo Guides	4,704		4,632	
Toilets and Cloakrooms	718		1,650	
Hire of Push Chairs	1,459		1,290	
Weighing Machines	17		61	
Rents	36		29	
Members' Subscriptions	830		939	
Members' Entrance Fees	228		245	
Donations	24		175	
Sundries	58		23	
Investment Income (gross)	13,107	45,975	11,957	45,751
<hr/>				
Profit on Sale of Tractor		-		139
		<hr/> <hr/>		<hr/> <hr/>
		£619,842		£536,456

**SCHEDULE OF SPECIAL BUILDINGS, ENCLOSURES AND EQUIPMENT ANNEXED TO BALANCE SHEET
AT 31st DECEMBER, 1971**

	Written down Values at 30/4/48	Additions at Cost less Sales From 1/5/48 to 31/12/70	Additions Year ended 31/12/71	TOTAL	DEPRECIATION		TOTAL DEPRECIATION	BALANCE 31/12/71
					From 1/5/48 to 31/12/70	Year ended 31/12/71		
Special Buildings and Open Air Enclosures, Fixtures, Cages and Accessories ...	15,940	464,615	43,125	523,680	266,189	23,850	290,039	233,641
Office and Cafe Equipment and Furniture	606	20,500	924	22,030	13,480	855	14,335	7,695
Frigidaire Cold Room ...		2,179		2,179	1,365	81	1,446	733
Washing Machines for Clothes and Dishes		2,053		2,053	1,854	40	1,894	159
Cafe Equipment, Crockery and Table Utensils	457	15,676	561	16,694	10,682	601	11,283	5,411
Tools and Utensils, including Garden Tools, Machines and Equipment ...	457	8,699	82	9,238	5,078	416	5,494	3,744
Machinery—Bulldozer, Roller, Tractors and Implements ...		12,799	854	13,653	8,458	1,039	9,497	4,156
Motor Vehicles—Lorries, Vans and Cars ...		17,801	2,327	20,128	11,822	1,661	13,483	6,645
Motor Boats ...		6,383		6,383	5,795	118	5,913	470
Push Chairs ...		1,178		1,178	849	66	915	263
Laboratory Equipment ...		777		777	190	59	249	528
	<u>£17,460</u>	<u>£552,660</u>	<u>£47,873</u>	<u>£617,993</u>	<u>£325,762</u>	<u>£28,786</u>	<u>£354,548</u>	<u>£263,445</u>

NOTE: The additions to Special Buildings, etc, for the year ended 31/12/71 includes £19,000, being the value of the Work in Progress on the Lecture Theatre £18,000 and Zebra House £1,000 to date and no depreciation has been charged on these items during the year.

SCHEDULE OF ANIMALS, REPTILES, BIRDS, ETC.

	Sales 31/12/71		
	£117,082	£6,203	£1,822
			—
			—
			<u>£121,463</u>

SCHEDULE OF FREEHOLD PROPERTY ANNEXED TO BALANCE SHEET AT 31st DECEMBER, 1971

	31/12/71	31/12/70
FREEHOLD PROPERTY at cost, plus cost of Improvements :—	£	£
Land and Buildings at Oakfield, Upton-by-Chester ...	12,368	12,368
Three Plots of Land at Caughall ...	5,914	5,914
One Plot of Land at Chorlton-by-Backford ...	415	415
Dwelling house, 26 Caughall Road, Upton-by-Chester	2,354	2,354
Demage Farm, Upton and Two Cottages ...	13,264	13,629
No. 1, Upton Heyes—Cottage ...	1,030	1,030
No. 2, Upton Heyes—Cottage ...	1,059	1,059
Quarantine Station, Storeton Road, Birkenhead ...	2,021	2,021
Bungalow, Land and Buildings formerly occupied by Upton Riding School ...	8,669	8,669
Dwelling house, 3 Oakfield Drive, Upton-by-Chester ...	2,525	2,525
Dwelling house, 4 Flag Lane, Upton-by-Chester ...	2,943	2,943
Dwelling house, 34 Flag Lane, Upton-by-Chester ...	2,513	2,513
Dwelling house, 5 Oakfield Drive, Upton-by-Chester ...	3,085	3,085
House, Land and Buildings, Green End, Moston-by-Backford	6,856	6,856
Dwelling house, 63 Caughall Road, Upton-by-Chester ...	4,526	4,526
Dwelling house, 19 Oakfield Avenue, Upton-by-Chester ...	2,877	2,877
Dwelling house, 8 Walnut Close, Upton-by-Chester ...	3,397	3,397
Dwelling house, 3 Alwyn Gardens, Upton-by-Chester ...	2,990	2,990
Dwelling house, 20 Oakfield Avenue, Upton-by-Chester ...	2,963	2,963
Bungalow, Land and Buildings, Greenlands, Moston-by-Backford	7,820	7,820
Dwelling House, 34 Caughall Road, Upton-by-Chester ...	3,356	3,356
Field—formerly part of Caughall Farm (16.6 acres) ...	32,682	32,682
Caughall Farm, Upton-by-Chester ...	56,377	56,377
Dwelling House, 8 Oakfield Drive, Upton-by-Chester ...	4,316	4,316
Dwelling House, 35 Alwyn Gardens, Upton-by-Chester ...	4,316	4,316
	<u>£190,636</u>	<u>£191,001</u>

During the year part of the Land at Demage Farm, Upton, was sold and the estimated Book Value of this portion was £365.

ANNUAL REPORT - 1971

The Council of the North of England Zoological Society has pleasure in presenting its Annual Report for 1971.

So as to comply with the provisions of the Companies Act, 1967 it is necessary to state here that this Society is a Public Zoological Garden, that no significant changes have occurred in this activity during the year and that the state of the Society's affairs at 31st December, 1971 was satisfactory.

Details of the fixed assets appear on the Schedules annexed to the accounts. Approximately two acres of land, part of Demage Farm, were sold to the Cheshire County Council. As mentioned in the previous report the land and buildings are shown at cost and whilst the Council is mindful of the considerable increase in market values over the past years, it considers that the cost of a professional valuation would not be justified at the present time. Quite obviously a major proportion of these assets could not be disposed of without fundamentally affecting the Society's activities.

The total receipts for the year and a breakdown of the receipts is shown on the Income and Expenditure Account but the Society is not a profit-distributing concern and no analysis of profitability is relevant. The average weekly number of employees during 1971 was 266 and their aggregate gross remuneration amounted to £217,873.

Unfortunately it was not possible to complete the Lecture Hall and Library in 1971 as was hoped but the building will be in use for the Spring of 1972. Many gifts of books for the reference library have been received, which are very much appreciated.

The maintenance staff have been busy constructing new paddocks for the Grevy Zebras and these too should be completed by Spring 1972.

Two Members' Meetings were held during the year and both proved very successful. As mentioned in last year's Report it is hoped to hold these Meetings more frequently when the Lecture Hall is completed.

There were numerous breeding successes at the Zoo, a detailed list of which is included in this Report.

The Society extended its facilities for education and many thousands of children and university students visited the Zoo in connection with various educational studies. The educational leaflets proved extremely popular; copies were also distributed to several parts of the world.

During the month of March an outbreak of Anthrax occurred which fortunately was not so serious as the outbreak in 1964; nevertheless it proved very worrying as the animals affected were more widely distributed. A full account of the outbreak is given in the attached Veterinary Laboratory Annual Report.

The Conference of the International Union of Directors of Zoological Gardens was held in October in Prague, Czechoslovakia. The Director was unable to attend. However, he did attend the English Conference held at the London Zoo earlier in the year. This was a very well organised Conference and much valuable information was exchanged between the delegates present.

In late 1971 it was decided to make application to the local authority for permission to demolish the two cottages at Demage Farm and the cottage and old farmhouse at Caughall Farm, and for new houses to be erected in their place. It is hoped that the necessary approval will be granted and that building can commence early in 1972.

Details of much of the Zoo's progress normally appears in the monthly magazine "Chester Zoo News" and it is felt therefore that there is little point in repeating the information in this Report.

The Council wishes to take this opportunity of thanking all members of the staff for their loyal support during the year and to the many members of the public who have made donations of livestock, etc., to the Society.



MAMMALS BRED DURING 1971

Species	Scientific Name	No.		Sex	
		Born	Reared	M	F
Agouti, Golden	<i>Dasyprocta aguti</i>	3	3	3	0
Alpaca	<i>Lama pacos</i>	2	2	2	0
Ape, Barbary	<i>Macaca sylvana</i>	1	1	0	1
Ass, Asiatic Wild	<i>Equus hemionus onager</i> x <i>Equus hemionus kulan</i>	1	1	1	0
Baboon, Hamadryas	<i>Papio hamadryas</i>	1	1	0	1
Bear, Kamchatka	<i>Ursus arctos collaris</i>	2	—	—	—
Bison, American	<i>Bos bison</i>	3	3	3	0
Blesbok	<i>Damaliscus dorcas phillipsi</i>	1	1	0	1
Cattle, Ankole	<i>Bos taurus</i>	1	1	0	1
Cattle, Highland	<i>Bos taurus</i>	3	2	0	2
Chimpanzee	<i>Pan troglodytes</i>	1	—	—	—
Chinchilla	<i>Chinchilla laniger</i>	2	2	2	0
Coati	<i>Nasua nasua</i>	5	5	1	4
Deer, Fallow	<i>Dama dama</i>	5	3	2	1
Deer, Père David's	<i>Elaphus davidianus</i>	2	1	0	1
Dormouse, Edible	<i>Glis glis</i>	5	5	3	2
Eland	<i>Taurotragus oryx</i>	1	1	1	0
Fox, Fennec	<i>Fennecus zerda</i>	2	—	—	—
Fruit Bat	<i>Pteropus</i> sp.	1	—	—	—
Gazelle, Arabian	<i>Gazella arabica</i>	5	2	1	1
Genet	<i>Genetta tigrina</i> x <i>Genetta tigrina fieldiana</i>	3	3	2	1
Gerbils	Various species	54	54	—	—
Giraffe	<i>Giraffa camelopardalis</i>	1	1	1	0
Gnu, White-bearded or Wildebeeste	<i>Connochaetes taurinus</i> <i>albojubatus</i>	4	4	2	2
Goat, Bagot	<i>Capra hircus</i>	2	2	1	1
Hippopotamus	<i>Hippopotamus amphibius</i>	1	—	—	—
Jaguar	<i>Panthera onca</i>	3	2	1	1
Kudu, Greater	<i>Tragelaphus strepsiceros</i>	1	1	1	0
Lechwe, Red	<i>Kobus leche</i>	8	6	2	4
Leopard, Amur	<i>Panthera pardus orientalis</i>	1	—	—	—
Leopard, Common	<i>Panthera pardus</i>	6	6	4	2
Mangabey, Sooty	<i>Cercocebus torquatus atys</i>	2	2	1	1
Mouse, Spiny	<i>Acomys cahirinus</i>	5	5	2	3
Monkey, De Brazza	<i>Cercopithecus neglectus</i>	1	1	1	0
Monkey, Mona	<i>Cercopithecus mona</i>	1	1	0	1
Monkey, Sykes x Moloney's	<i>Cercopithecus a. albogularis</i> x <i>Cercopithecus a. moloneyi</i>	1	1	1	0
Monkey, Talapoin	<i>Cercopithecus talapoin</i>	1	1	0	1
Monkey, Vervet	<i>Cercopithecus pygerythrus</i>	1	1	1	0
Nilgai	<i>Boselaphus tragocamelus</i>	2	2	1	1
Oter, Oriental Small-clawed	<i>Amblonyx cinerea</i>	3	—	—	—
Prairie Marmots	<i>Cynomys ludovicianus</i>	—	35	—	—
Puma	<i>Felis concolor</i>	3	3	2	1
Rhinoceros, Black	<i>Diceros bicornis</i>	1	1	1	0
Sheep, Soay	<i>Ovis aries</i>	4	4	2	2
Squirrel, Ground	<i>Eutamias sibiricus</i>	7	7	—	—
Viscacha	<i>Lagostomus maximus</i>	4	4	—	—
Wallaby, Bennett's	<i>Wallabia rufogrisea</i>	19	19	—	—
Wallaby, Red-bellied	<i>Thylogale billardieri</i>	2	2	0	2
Wapiti	<i>Cervus canadensis</i>	2	2	2	0
Zebra, Grevy	<i>Equus grevyi</i>	2	2	0	2

BIRDS BRED DURING 1971

Species	Scientific Name	No. Reared
Avadavat	<i>Amandava amandava</i>	6
Budgerigar	<i>Melopsittacus undulatus</i>	85
Bunting, Yellow-breasted	<i>Emberiza aureola</i>	2
Cockatiel	<i>Nymphicus hollandicus</i>	76
Conure, Lesser Patagonian	<i>Cyanoliseus patagonus</i>	3
Conure, Nanday	<i>Nandayus nanday</i>	3
Conure, Red-masked	<i>Aratinga erythrogenys</i>	1
Duck, Muscovy	<i>Cairina moschata</i>	1
Finch, Bengalese	<i>Louchura striata</i>	9
Finch, Cut-throat	<i>Amadina fasciata</i>	5
Finch, Green	<i>Chloris chloris</i>	3
Finch, Zebra	<i>Taeniopygia castanotis</i>	6
Lovebird, Fischer's	<i>Agapornis fischeri</i>	13
Lovebird, Masked	<i>Agapornis personata</i>	2
Mynah, Hill	<i>Gracula religiosa</i>	1
Nun, Tri-coloured	<i>Munia malacca</i>	1
Parrakeet, Barraband	<i>Polytelis swainsoni</i>	3
Parrakeet, Crimson-winged	<i>Aprosmictus erythropterus</i>	1
Parrakeet, Derbian	<i>Psittacula derbyana</i>	1
Parrot, Grand Eclectus	<i>Lorius roratus</i>	1
Parrot, Red-sided Eclectus	<i>Lorius pectoralis</i>	2
Rail, North Island Weka	<i>Gallirallus australis greyi</i>	2
Rhea, Common	<i>Rhea americana</i>	1
Sparrow, Java	<i>Padda oryzivora</i>	3
Starling Glossy	<i>Lamprocolius nitens</i>	1
Sun-bittern	<i>Eurypyga helias</i>	1
Swan, Mute	<i>Cygnus olor</i>	2
Waxbill, Red-eared	<i>Estrilda troglodytes</i>	3
Waxbill, Sundervall's	<i>Estrilda rhodopyga</i>	2
Weavers, various		3
Weaver, Red-billed	<i>Quelea quelea</i>	7
Whydah, Yellow-shouldered	<i>Coliuspasser macrocercus</i>	1
Whydah, Red-collared	<i>Coliuspasser ardens</i>	1

REPTILES BRED DURING 1971

Boa, Garden Tree	<i>Corella hortulana</i>	15
Boa, Rainbow	<i>Epicrates cenchrus</i>	19
Gecko, Leopard	<i>Eublepharis macularis</i>	3
Ratsnake, Texas	<i>Elaphe obsoleta lindheimeri</i>	9

The number of specimens in the Collection at 31st December, 1971 was as follows:

	Species	Specimens
Mammals	135	766
Birds	245	1395
Reptiles	92	218
Fish	132	1400

THE MEMBERSHIP OF THE SOCIETY

on the 31st December, 1971, was made up as follows:

PATRONS	.....	.....	.....	.....	.....	.....	.....	.....	51
LIFE MEMBERS	.....	.....	.....	.....	.....	.....	.....	.....	5
ANNUAL MEMBERS	.....	.....	.....	.....	.....	.....	.....	.....	263
HONORARY FELLOWS	.....	.....	.....	.....	.....	.....	.....	.....	5
CORRESPONDING MEMBER	.....	.....	.....	.....	.....	.....	.....	.....	1

The following Table shows the number of visitors to the Gardens during the last two years:

	1970	1971
VISITORS TO THE GARDENS	..... 1,025,920	1,074,817
VISITORS TO THE AQUARIUM	..... 228,856	215,560
VISITORS TO THE TROPICAL HOUSE	..... 168,722	185,635

