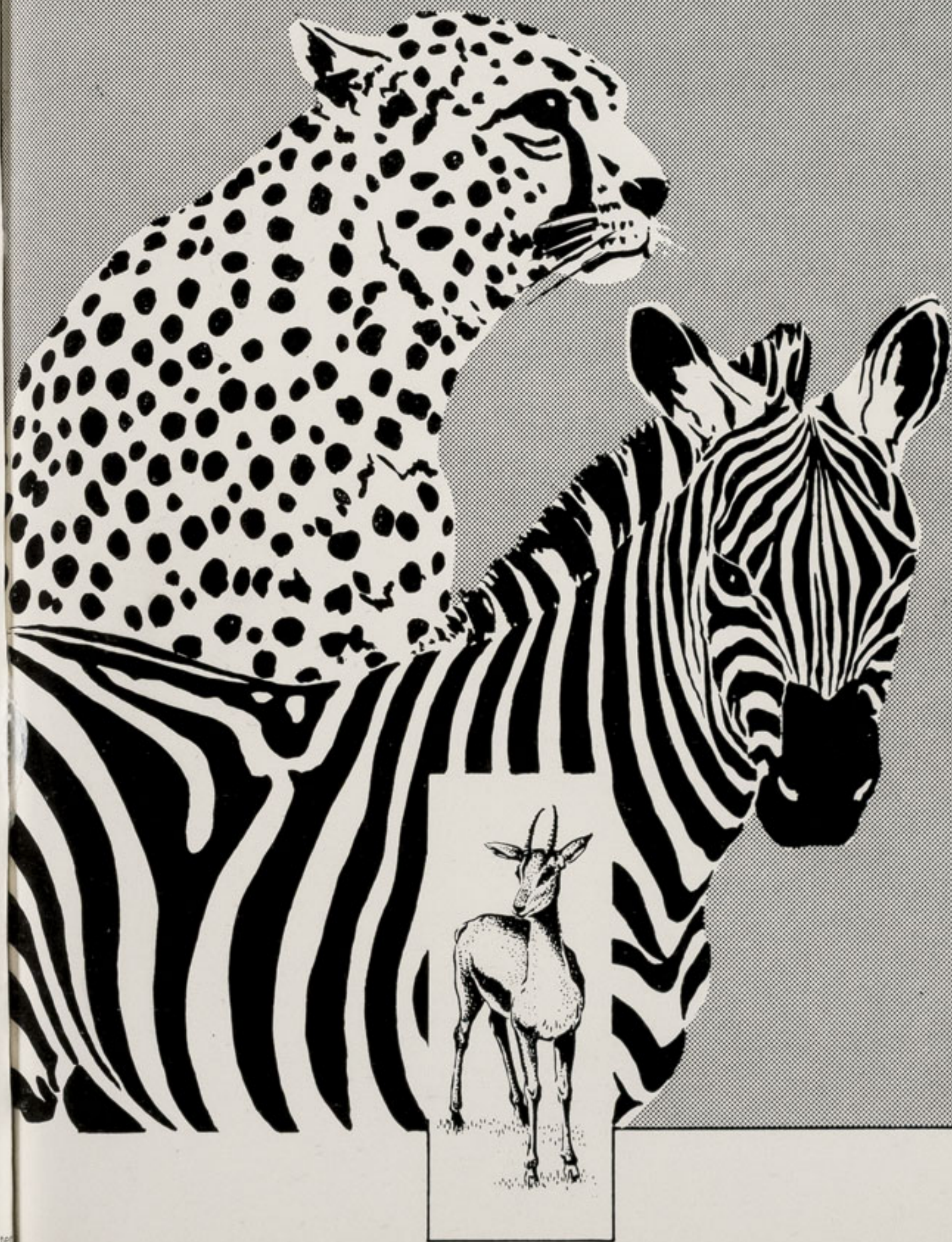
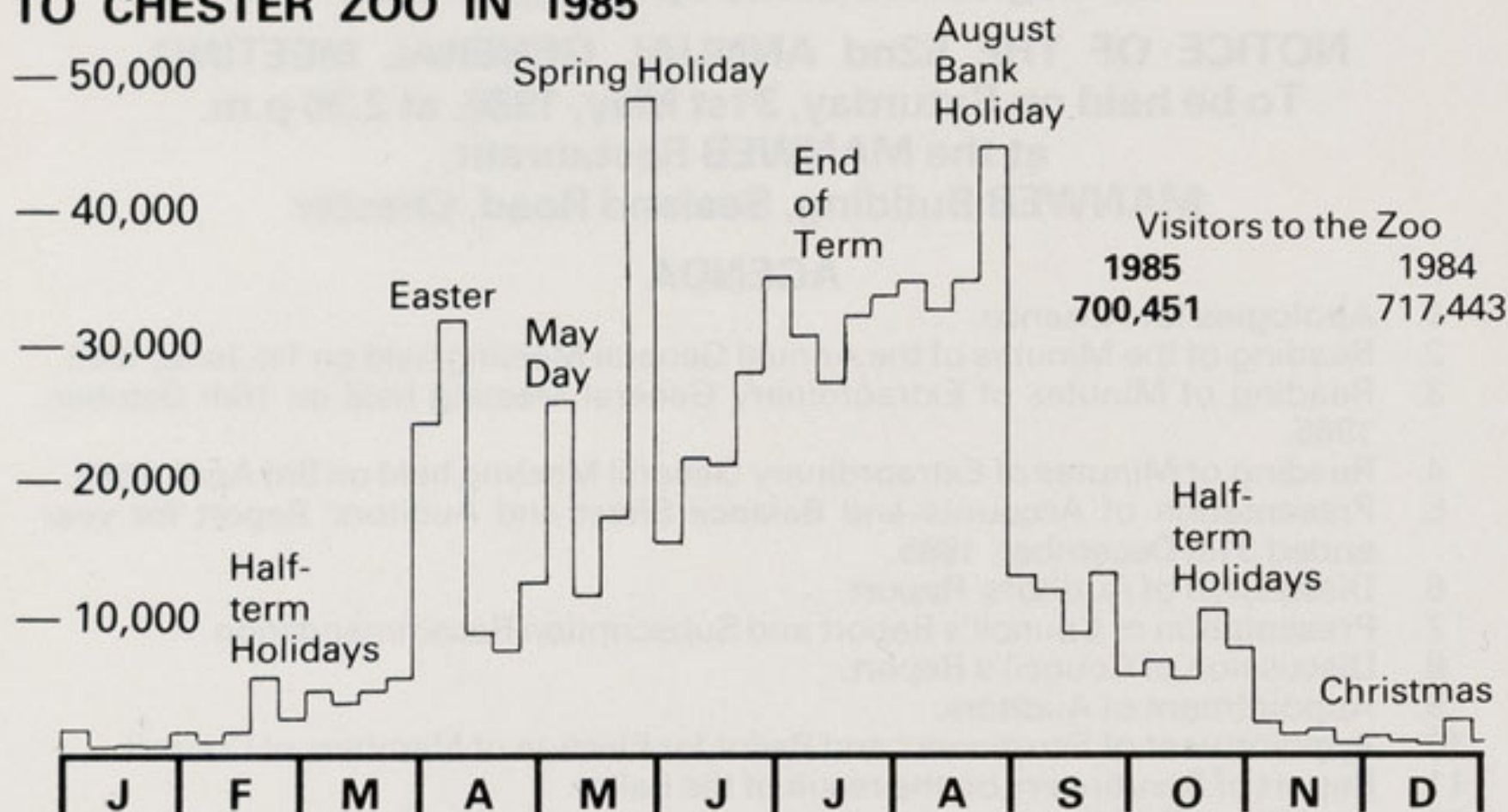


The North of England Zoological Society

ANNUAL REPORT 1985



WEEKLY TOTALS OF NUMBERS OF VISITORS TO CHESTER ZOO IN 1985



STAFF POSITIONS

Director	Dr. M. R. Brambell
Financial Controller	E. A. Du Cros, Esq., F.C.A.
Senior Curator	P. A. Wait, Esq.
Estate Engineer	F. S. Carson, Esq., M.C., B.A.
Curator of Birds	Dr. R. Wilkinson, B.Sc., Ph.D.
Curator of Mammals	N. G. Ellerton, Esq.
Head Gardener	W. Worth, Esq.
Senior Education Officer	Miss B. M. Norgain, B.Sc., M.A.
Clerk of Works	G. F. Williams, Esq.
Security Officer	T. A. Johnson, Esq.
Media Liaison Officer	Mrs. P. Cade
Zoological Information Officer	M. F. Coupe, Esq.
Laboratory Technician and Safety Officer .	D. C. Dinning, Esq.
Director's Secretary	Miss J. D. Lunsford
Senior Secretary	Mrs. P. A. Rudd, B.A.
Assistant Curator of Birds	P. James, Esq.
Animals Supplies Officer	J. A. C. Forrest, Esq., B.Ed.
Herpetologist	K. W. Brown, Esq.
Aquarist	M. C. Crumpler, Esq.
Chairman, Staff Association	F. W. Blythe, Esq.

THE NORTH OF ENGLAND ZOOLOGICAL SOCIETY
ANNUAL REPORT 1985

As can be seen in the parts of this report devoted to the animal sections, there has been a general enhancement in the performance of the collection. There has been a 64 per cent increase in the number of species of mammals, birds, reptiles and amphibia breeding and rearing to at least 30 days, and an increase of 88 per cent in the number of specimens so reared. A quarter of these species were what can be described as "conservation sensitive".

The highlights include, for example, the chimpanzee "Rosie", who, on 11th August, 1985, gave birth to a male baby, who was given the name of "Botham", the Zoo achieving its first great-grand-chimp birth. As far as we know this is the first great-grand-chimp to be born in a zoo and, although the infant was later to succumb to a particularly virulent outbreak of infectious pneumonia, the birth was a notable landmark in the development of chimpanzee breeding in zoos.

In July, a Californian sealion cub was born at the Zoo. The group of one male and three females has been put together as a direct result of the joint management agreements which now cover the major species held in Britain's leading zoos.

Two Andean condor chicks were hatched during 1985. The first, which was parent incubated, died after a week; a second egg was laid, but disappeared—presumably eaten by the birds—so, when a third egg was laid, it was decided to incubate it artificially. The chick—a female—was hand-reared successfully. The breeding of condors is an important development, for there are disturbing grounds for believing that the species is vulnerable to incidental poisoning arising out of the increased level of human land-use in the bird's natural range. The Californian condor has already reached the stage when it can only be expected to avoid extinction if it can be maintained in captivity for the foreseeable future. It is probable that the Andean condor will have reached an equally critical phase in the next few decades.

Unlike the wide-ranging condors, the blue-eyed cockatoo is a species with a relatively restricted range—the islands of New Britain and New Ireland in Indonesia. Island species are particularly vulnerable, and the hatching and hand-rearing of two blue-eyed cockatoo chicks was a very significant achievement in the back-up to natural habitat conservation which the Zoo can provide. These were the birds which were stolen after the end of the year and which were later recovered, following a rapidly-mounted publicity campaign.

Our Reptile collection produced two Round Island gecko young as part of our back-up support to the group at Jersey Zoo, and two prehensile-tailed skinks were born. Both species are in need of captive breeding programmes as an insurance against disaster in their wild habitats.

Twelve Japanese fire-bellied newts were bred in the Aquarium. Perhaps the most notable breeding among the fish was the third generation of Celebes half-beaks.

The belief that conservation-sensitive species make dull viewing is contradicted by all the above species which, in their own particular ways, make excellent exhibits. It is essential that the leading zoos continue to change their collections towards helping those species we now take for granted, but which will be unable to survive the rising threat to the wild. There can be no doubt that human pressures on the wild will intensify well into the next century before we can hope to see them abating. Zoos form a collective resource which can reduce the number of total extinctions if used responsibly. They can fulfil this function without compromising their impact on the general awareness of the fascinating variety of wildlife. An Asiatic lion is as "good" a lion as any other lion and a Rodrigues fruit bat is just as much a bat as any other fruit bat. Both these species bred successfully last year and we must accelerate the development of the collection so that Chester Zoo can play the fullest possible part in providing threatened species with a "time bridge" across the next century.

Mammal Collection

The Rodrigues fruit bat (*Pteropus rodricensis*) colony has begun to show a more satisfactory rearing record, with three births surviving, though eight babies were born. It is still not clear why this colony has been failing to rear young beyond the first day of life, but it does appear that the problem is associated with one cage—the main cage—and not with any particular animal.

Five slow loris (*Nycticebus coucang*) were brought into the collection after the three females previously at the Zoo had been sent to London Zoo. Though two sets of new-born triplet ring-tailed lemurs (*Lemur catta*) died, one male and seven female babies were successfully reared. This is the highest proportion of females to be born in recent years and shows a complete reversal of the trend occurring worldwide. The management system adopted here allows for hierarchies to be set up amongst the mothers and it is this which is believed to be contributing to the alteration in the sex ratio of the young being born.

As part of the move towards keeping more "conservation sensitive" species, a pair of cotton-top tamarins (*Saguinus oedipus*) were brought into the collection.

The male eastern gorilla (*Gorilla gorilla graueri*), "Mukisi", was sent to Antwerp Zoo during the year, to be paired with the female, "Victoria", which had been bred there in 1966. Mating took place very soon after arrival.

After a gap of some years, the crested porcupines (*Hystrix cristata*) began to breed again, and the prairie marmots (*Cynomys ludovicianus*) continued to thrive.

Several species of cat were bred, including margay, jungle cat, wild cat, caracal, European lynx, Geoffroy's cat and Asiatic lion.

Two female Arabian gazelle (*Gazella gazella arabica*) calves were born and reared, as were three blackbuck (*Antelope cervicapra*). Five red lechwe (*Kobus leche*) were born and survived.



Condor chick with Keeper Andrew Woolham
Courtesy of Daily Telegraph

Seven nilgai (*Boselaphus tragocamelus*) were transferred from Belfast Zoo, where they had been a nervous group of animals. They settled well into the Chester Zoo paddock and began breeding and rearing their young. Reindeer (*Rangifer tarandus*) and guanaco (*Lama guanicoe*) were amongst other species breeding successfully.

Bird Collection

At the end of 1985, there were 756 birds in 175 species, compared with 739 birds in 174 species a year earlier.

Indian white ibis (*Threskiornis melanocephalus*) have been removed from the collection, having had problems with hybridisation with sacred ibis (*Threskiornis aethiopica*), but have been replaced with spoonbills (*Platalea leucorodia*). Similarly, the Andean goose (*Chloephaga melanoptera*) has been replaced by the more endangered ruddy-headed goose (*Chloephaga rubidiceps*). New to the collection are the aviculturally more difficult hooded mergansers (*Mergus cucullatus*) and ruddy ducks (*Oxyura jamaicensis*). These have been obtained not only because of their beauty, but also in order for us to gain experience of the management of sawbills and stiff-tails.

Other important newcomers to the collection include West African crowned cranes (*Balearica pavonina*), Pallas' sandgrouse (*Syrrhaptes paradoxus*), a pink pigeon (*Nesoenas mayeri*), Satyr tragopans (*Tragopan satyra*), a yellow-backed lory (*Lorius garrulus flavopalliatus*), greater vasa parrot (*Coracopsis vasa*), grey hornbills (*Tockus nasutus*), trumpeter hornbills (*Bycanistes buccinator*) and royal starlings (*Cosmopsarus regius*).

The bateleur eagle (*Terathopius ecaudatus*) has now been paired and, amongst others, mates were obtained for our Sclater's crested curassow (*Crax fasciolata sclateri*), kea (*Nestor notabilis*), hawk-headed parrots (*Detoptylus accipitrinas*), great horned owls (*Bubo virginianus*), fire-tufted barbet (*Psilopogo pyrolophus*) and white woodpecker (*Leuconerpes candidus*).

A total of 344 hatchings (234 chicks surviving to 30 days at least) from 53 species made 1985 the best year of the 1980s.

Amongst this year's successes were first United Kingdom breedings for lesser vasa parrots (*Coracopsis niger*) and Pallas' sandgrouse (*Syrrhaptes paradoxus*). As well as the female Andean condor (*Vultur gryphus*) and two blue-eyed cockatoos (*Cacatua ophthalmica*) mentioned earlier, other notable breedings include the rearing of a little egret (*Egretta garzetta*), Palawan peacock pheasants (*Polyplectron emphanum*), crowned plovers (*Vanellus coronatus*), blacksmith's plovers (*Vanellus armatus*), red-sided eclectus parrots (*Eclectus roratus goodsoni*), 15 lesser Patagonian conures (*Cyanoliseus patagonus*) (including one yellow phase), kookaburras (*Dacelo novaeguineae*), red-cowled cardinals (*Paroria dominicana*), fairy bluebirds (*Irena puella*) and San Blas jays (*Cissilopha sanblasiana*).

Species which we successfully hatched but this year failed to rear included spectacled owls (*Pulsatrix perspicillata*), great Indian hornbills (*Buceros bicornis*) and coleto mynahs (*Sarcops calvus*).

Reptiles, Amphibia and Aquarium

Very few changes have been possible in this part of the collection, apart from a facelift of the public area of the Aquarium and some behind-the-scenes alterations in the Reptile section, to improve the management of venomous snakes. The aim to have "zero-handling" of venomous snakes—by which is meant that the animals need never be in the same air-space as the keeper—has not yet been achieved, though some progress has been made in developing the necessary techniques.

The Gardens

The gardens, especially the Begonias, revelled in the wet weather of the three summer months, giving a display of luxuriant growth and colour—a fitting epilogue to Mr. Walter Worth's retirement at the end of the year after 25 years at the Zoo as Gardener and Head Gardener.

The area behind the Fuchsia border has been transformed from a border overgrown by old conifers and large shrubs into a fragrant Butterfly Garden. Several varieties of Buddleia, Lilacs, Azaleas, Climbing Roses and Honey-suckle were planted and, to add summer colour, Heliotrope, Stocks and Dianthus. The Buddleias were covered with late-summer butterflies, including red admiral, small tortoiseshell, painted lady and comma, proving the garden popular both from a conservational and aesthetic point of view.

Landscaping work on the new Tiger Enclosure involved raising the ground level, by bringing in several tons of top-soil and then reseeding the entire area. Five trees were planted, including Chestnut, Oak and Scarlet Hawthorn, with Laurels and Dogwoods to provide ground cover. The area behind the public barrier will be planted with a selection of Prostrate and Dwarf Conifers.

New Buildings and Alterations

The main building project in 1985 was the reconstruction and enlargement of the Tiger Exhibit near to the Jubilee Restaurant. The new Tiger House was modelled on the recently-completed Lion House, but includes improved accommodation for the keepers and a larger kitchen space. The outside enclosure was doubled in size, using a tubular post construction to support the mesh. A large, easily-cleaned pool has been incorporated into the area. While the building work was going on and the planting getting established, the tigers were transferred back to the accommodation near the Cat House.

Mainly cosmetic changes were needed to convert the old Pushchair Kiosk into an Information Area. The whole of the entrance area was re-signed to provide a more welcoming first impression for visitors. In addition, the adjacent Aquarium was painted inside and outside and completely re-signed.

A range of Pheasant Aviaries were built at the side of the Bird House and the Coypu pit was demolished and rebuilt with the help of the Junior Members. At the Sealion Pool the addition of a pebble beach and breeding area enabled us to rear the baby sealion which was born during the year.

Many "behind-the-scenes" projects were completed, including the installation of a greenhouse to replace a wooden one which had got beyond the stage of economic repair.

As part of the County Council's scheme to provide a sidewalk on the Zoo's side of Caughall Road, the new perimeter fence has been completed from the old South Entrance all the way to the Main Car Park.

Several items of building work were undertaken to comply with the requests made at the time we were granted the Zoo licence.

The Echidna Paddock in the Tropical House was replaced by a garden area, giving much greater opportunity for free-flying birds to feed without disturbance. A new aviary was built on the site of the old Insect Area on the upper level of the Tropical House.

An area of the main Waterfowl Paddock was fenced off to provide an enclosure for the West African crowned cranes. The Black Swan Paddock has been subdivided, anticipating the arrival of white storks.

A new shelter was built on the large aviary opposite the Water Bus Kiosk, to enable the area to be used as summer quarters for the great Indian hornbills.

One small but very important alteration was the construction of a passageway between the Condor Aviary and the adjacent aviary which previously held white-headed vultures (*Trigonoceps occipitalis*). This allows for more effective management of the condors, making it possible to separate the birds from their eggs to enable artificial incubation and rearing to be carried out, the birds having proved to attack the hatchlings.

Signs and Labels

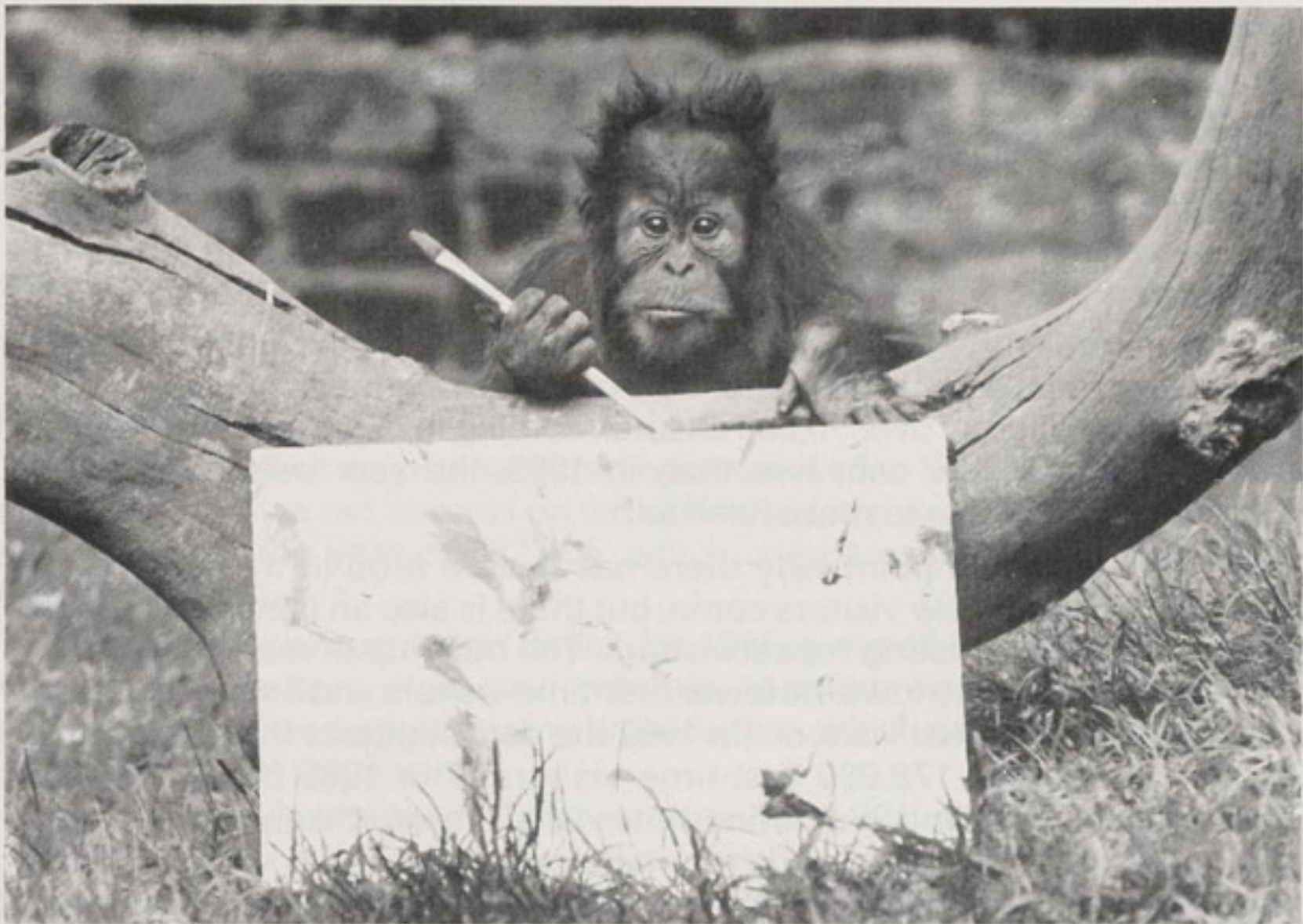
New signs were erected over the Main Gate, to make the entrance both more obvious and inviting. The area immediately inside the entrance was completely refurbished and re-signed as an Information Area, the theme being *Chester Zoo—The Zoo For All Seasons*, lettering style and colouring as car park and entrance signs. To draw attention to *Zoo News* displayed on posters, a huge elephant mural was attached to the newly-painted side wall of the Aquarium.

Large animal house signs depicting a species kept in the particular house were positioned in nine different locations.

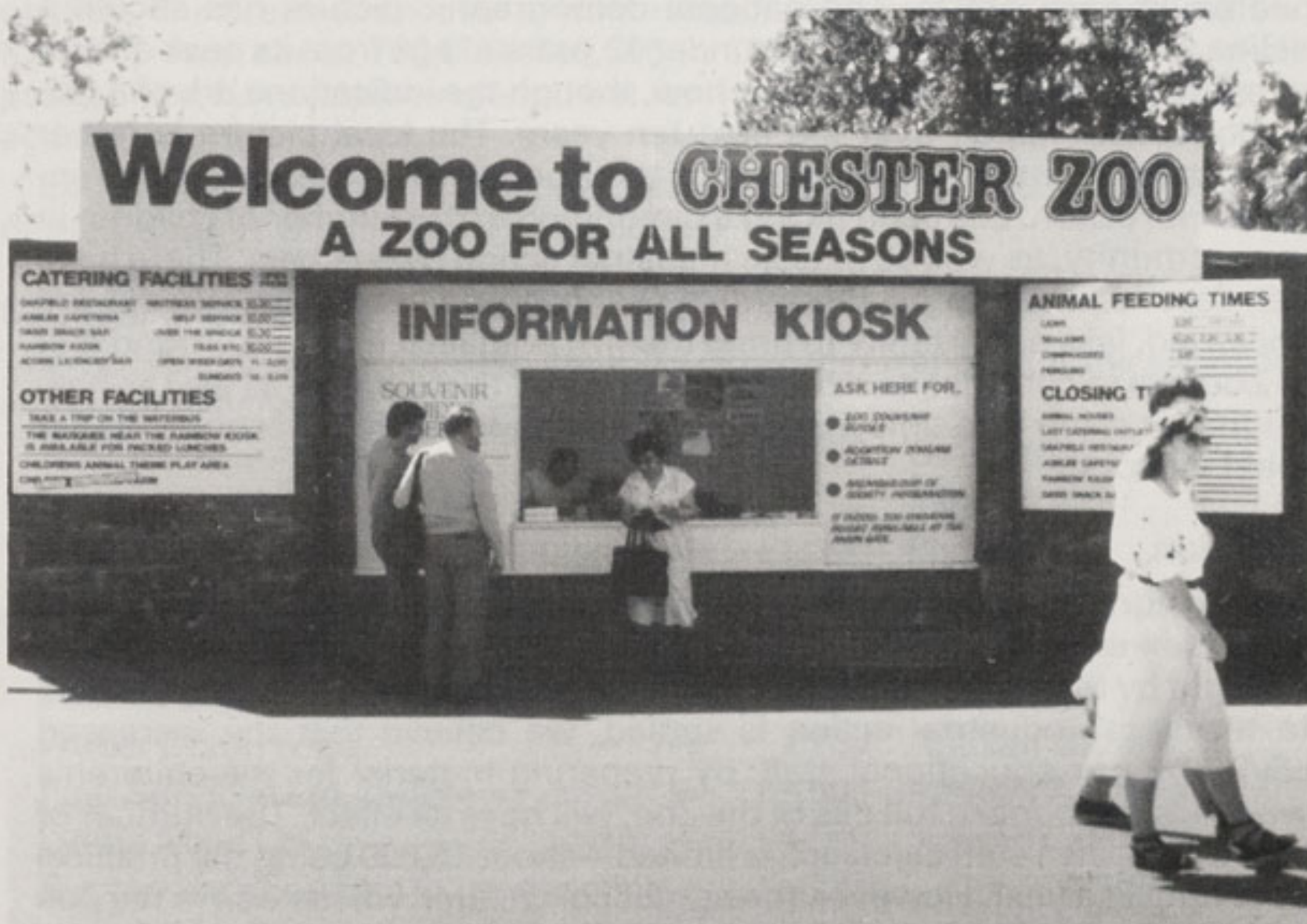
The Zoo now has over 600 pieces of individual artwork completed for the initial stage of animal labelling, giving details of name and distribution, as well as a picture of the species. These labels cover almost all species of mammals, birds, reptiles, amphibians and fish.

Further progress was made on the second stage of animal labelling, in which information is given on what an animal eats, where it lives, how it breeds and how long it lives. We now have over 40 of these signs completed for mammals.

The Zoo, in conjunction with Chromacopy, Liverpool, have been actively marketing zoo signs and, in 1985, over £1,700 plus V.A.T. was raised in this way.



Orang-utan "Sid" painting!
 Courtesy of Cliff Brett, Mel Grundy Photographic Agency



Information Area
 Courtesy of M. F. Coupe

Energy Usage

Fuel oil costs were high in 1985 and the total energy expenditure increased to £160,000 (12½ per cent up on 1984 but less than in 1983). Consumption of other fuels was kept under control, though there is an ever-increasing demand to use more electrically powered machines and heaters.

Visitors

The year ended with 700,451 visitors coming to the Zoo, excluding children under three years of age and other non-paying categories. Included in the total figure are slightly over 70,000 children coming in organised educational parties. This is 26 per cent less than in 1983, the year before teachers' industrial action began to make itself felt.

It is not easy to pinpoint why there has been a drop in the number of visitors. Every year new visitors come, but there is also an inevitable fall-off from amongst the existing repeat visitors. The build-up of market research data shows a tendency towards fewer first-time visitors and a slight increase in the number of repeat visitors. (In 1982 the data suggests that there were 596,000 repeat and 178,000 first-time visitors. The 1985 data indicates 602,000 repeat visits and 98,000 first-time visits). There is likely to be a much higher proportion of first-time visitors in the summer holiday months, and it was these months which, in 1985, were so severely affected by inclement weather. About one-third of the visitors to the Zoo are children, coming in family groups and small parties with, on average, slightly more adults than children in each group. The national demographic picture has shown a decline in the number of children under 12 years of age from its peak of over ten million in 1972 to eight million now, though the indications are of a rise to about nine million over the next ten years. The local picture is rather worse than the national picture. Thus the Zoo, which is clearly a children-related attraction, has been facing a diminution in the number of children in the community, as well as intense industrial action by teachers. There have been less children to be brought to the Zoo and, as far as schools are concerned, less opportunity to bring them. It is against this background that the Zoo has to consider its size and the scope of its collection, as well as how to fight for more first-time visitors (and persuade them to become regular repeat visitors).

Education

Children coming to the Zoo in organised educational parties may be taught by our own educational staff (an increase of 18½ per cent in the year) or can be taught by their own teachers (a decrease of 3¾ per cent in the year). Once the teachers' industrial action is settled, we believe that the increased activity by our educational staff, by preparing material for the children's own teachers to make full use of the Zoo, will have its effect. The number of children our own staff can teach is limited—about 15,000 being the practical upper limit in a year. However, the number of children whose visit to the Zoo can be incorporated into their own school teaching is only limited by the number of teachers we can help with prepared teaching material.

The Zoo has been fortunate to be able to obtain the help for yet another year of a Manpower Services Commission Community Programme involving ten people. The Society was reimbursed £36,048 for expenses incurred with the programme. Without this help, much of the material available to teachers could not have been prepared.

Once the dispute is finally settled, we expect to do more than recover the 30,000 children who have not visited us in school parties over the last two years.

Financial Outcome

There was a deficit on ordinary trading activities for 1985 of £132,212. This was reduced by a net surplus on extraordinary items of £49,806, to leave a net deficit for the year of £82,406, which compares with a net surplus of £20,232 in 1984.

The swing from surplus to deficit for 1985 is directly linked to the lower numbers of visitors. It is gate receipts, together with the profits from catering, shops and other trading with visitors, which generates 95 per cent of the income of the Society.

The decline from 1984 of 50,658 in visitor numbers in the first four months of 1985, because of the exceptionally good weather in April 1984, was followed by consistently wet weather over the summer months. Although the numbers in most of those months were above the 1984 level, the improvement was only sufficient to reduce the decline to 16,992 by the end of 1985. The break-even level of visitors (excluding profits on property sales) for 1985 was about 760,000 (710,000 in 1984) and this level would, in all probability, have been exceeded but for the poor weather and the teachers' action.

Early in the year there was a profit on sale of property of £69,806 in respect of the Caughall Manor Farm outbuildings.

Sponsorships—1985

The Society is very grateful to the following organisations for the sponsorship support given in 1985:—

J. Bibby & Sons Ltd.	—	£1,250	Giraffes
Ladbroke's Mercury Hotel	—	£250	Tapirs
Moore & Brock/Kimor	—	£1,000	Penguins
Edward Pryor & Sons	—	£300	Ocelot
Portion Control Ltd.	—	£100	Talapoin Monkey
Fosters Lager	—	£250	Kangaroos
Fraser Dixon & Co.	—	£250	Arabian Gazelles
Fuel Services Ltd. (Shell)	—	£1,500	Various Animals
Lyons Maid Ltd.	—	£4,500	Jubilee Cafeteria
Sundry items related to sponsorship	—	£71	
		<hr/>	
		£9,471	
		<hr/>	

Donations and Legacies

Donations, other than by legacy and from the Junior Members' activities, amounted to £4,843. £1,500 was given by the Ronald and Kathleen Pryor Charity Trust; £1,000 was given by the Miss H. M. Smith Charitable Trust; £500 was given anonymously; and there were over 70 other donations amounting to £1,843.

A legacy of £500 was received from the estate of the late Miss L. Langshaw, a former Member of the Society.

Articles of Association

On 16th October, an Extraordinary General Meeting was held to consider a major revision of the Articles of Association. The principal changes agreed at the meeting are that members no longer have to be proposed and seconded before joining, though Council have the power to remove people from membership without appeal in the first 12 months, as a safeguard against people joining who have not the same objectives as those of the Society; that the privileges of membership may be altered by Council, subject to approval later by membership, without having to change the Articles each time, and the introduction of the "fallow year" principle to the terms of office of Council Members.

Staff

Though the full-time equivalent number of staff, at 168, did not change from that of 1984, there was a decrease of nine in the permanent staff and a corresponding increase of nine in the temporary staff. During the year, Mr. David Quayle and Miss Elizabeth Angel left the Marketing Division's staff. Mrs. Christine Blackwell left the Accounts Staff after 12 years, to join the team being set up to manage the Marks and Spencer Credit Card central office in Chester. Mr. Nigel Deeble of the Animal Division left to return to his home ground in the South of England. Mrs. Sandra Williams, Telephonist, had to retire on health grounds.

Mr. Chris Atherton, who had only recently left the staff of the Marketing Division, was involved in a serious motor accident in October and has been critically ill ever since. We extend our sympathy and support to his fiancée and family and wish him a recovery from his injuries.

Mr. Gordon Whibberley, Animal Keeper, retired after 13 years' service; Mr. Rick Green, Animal Keeper, left the Society after seven years' service to return to his native Isle of Man; Mr. Bill Tucker, Senior Groundsman, retired after seven years' service; and, on the last day of the year, both Mr. Norman Crofts, Gardener, and Mr. Walter Worth, Head Gardener, retired after 19 years' and almost 26 years' service respectively. In December, it was announced that Mr. Worth had been awarded the Medal of Honour by the Royal Horticultural Society. This honour, which is also held by Mr. Gallup, who was Mr. Worth's predecessor, is limited to 100 holders. The Society thanks these members of staff for their help and service over the years and wishes each of those retiring a long and happy period of rest and relaxation.

Mr. Eric Rudman, who was Foreman—Outside Gardens, has been appointed Head Gardener from 1st January, 1986, with Mr. John Johnson, Foreman—Greenhouses, as his Deputy.

Mr. Horace Cunliffe took over from Mr. Tucker as Senior Groundsman.

Among those joining the staff are Mr. David Jones, Mr. Tim Hayward and Mr. Ralph Hoffman, who have joined the Animal Division as Senior Keeping Staff; Mr. Bernard McCone, who has joined the Maintenance Staff as Electrician; Mrs. Pat Cade, who has joined the staff in the post of Media Liaison Officer; and Mrs. Debbie Cooke, who is in charge of the Party Sales Office.

Youth Training Scheme

The Manpower Services Commission Youth Training Scheme provided work experience and training for 23 young people. A wide variety of work was undertaken, as well as formal teaching and a residential training week at Barmouth.

At the Zoo, the following jobs were undertaken: alterations of the ground-floor area and secondary glazing in the Tropical House; building a Pheasant Aviary at the Bird House; making of birds' nest boxes, carrying crates, etc.; erecting sections of the perimeter fence; alteration of the Black Swan enclosure; application of wood preservative to Penguin and Flamingo buildings; building nursery area of Sealions; repairing ceiling of Aquarium.

The Society was reimbursed £45,853 for expenses incurred with the scheme.

Representation on Outside Organisations

The Director is a member of the Board of Directors of the Chester Marketing Bureau, and was, until the end of February, a member of the Nature Conservancy Council.

Dr. Wilkinson, Curator of Birds, is a member of the Avicultural Advisory Group of the Wildfowl Trust, Martin Mere; Mr. Ellerton, Curator of Mammals, is on the Council of the Primate Society, and Mr. Coupe, Zoological Information Officer, is on the Council of the Lancashire and Cheshire Entomological Society.

Principal Events

A number of outside organisations used the facilities at the Zoo:-

The North West Branch of the Flora and Fauna Preservation Society held its inaugural meeting, with a lecture on the Mountain Gorilla.

The World Wildlife Fund held its sponsored walk, with 700 people walking to raise funds to be shared jointly by the W.W.F. and Chester Zoo.

Adoption Day proved a great success, when people who had adopted animals were invited to the Zoo to see their animals and talk to the Keepers—the event helping to swell the total raised during 1985 to £20,000. This is a very encouraging increase over 1984, when £11,000 was collected. The Animal Adoption Scheme allows a greater degree of involvement in the Zoo by its supporters and the Society wishes to express its thanks to everyone who has supported it in this way.

Publicity

Granada Reports (I.T.A.) and *North West Tonight* (B.B.C.) made frequent visits to the Zoo for television stories. They filmed several items, including the orang-utan "Sidney" and his painting, the newly-born fourth generation chimpanzee, Père David's deer preparing to go to China, and "Bovver", the beaver which got into the Shropshire Union Canal and swam down to Ellesmere Port, where he got in amongst boats gathered for the International Boat Festival.

Market research surveys were conducted during the year to give us a greater insight into the pattern of people who visit the Zoo. This, coupled with research done by outside organisations—e.g. Granada Television—is enabling us to pinpoint much more accurately where we are getting and where we are not getting our visitors from. Perhaps not surprisingly, we do less well than might be expected, after allowing for distances travelled from the Midlands, but we do have a significant market in Yorkshire.

On 15th June, the Zoo was host to perhaps its largest-ever party, when the Bishop of Chester held an open-air service on the Oakfield lawn for 2,000 people attending the Mothers' Union Family Day.

Members' Meetings

Six Senior Members' Meetings were held during the year: Mr. Victor Manton spoke on breeding Cheetahs; Mr. Peter Wait on animals at Chester Zoo; and Mr. Ray Heaton on endangered species. Dr. Michael Brambell gave his Annual review of the Zoo; Miss Jean Dixon spoke on her East African Safari and Mr. Walter Worth spoke on the Zoo gardens.

Attendances at these Saturday afternoon meetings have increased dramatically over recent years, and many of our members are becoming more involved with the organisation of the events.

Junior Members' Meetings

The Junior Members continued to expand during the year, increasing from 273 to exactly 400 over the year.

Monthly meetings maintained the enthusiasm of the group, with visits which included the Welsh Mountain Zoo, Colwyn Bay; Delamere Forest; the Wildfowl Trust, Martin Mere; Risley Moss Nature Reserve; and Moneyash Quarry, Derbyshire.

Events at the Zoo included Helping-a-Keeper Day, Animal Contact Session, Christmas Party, and Tracks and Signs, as well as the annual pond-dipping and moth-trapping session.

The Junior Members' Bazaar was held on 29th June. £857 was raised, £120 specifically for the Atlantic Rain Forest Project, through the auction of the painting by "Sidney", the three-year-old Orang-utan. Of the remaining £737 (included in the total of donations to the Trust Fund), the Junior Members chose to give £100 to the Mountain Gorilla Project (World Wildlife Fund) and the remainder will be used to stock the Children's Zoo.

**THE MEMBERSHIP OF
THE NORTH OF ENGLAND ZOOLOGICAL SOCIETY
AS AT 31st DECEMBER, 1985**

Life Members	186	
Honorary Members	8	
Members of more than 25 years' standing and over pensionable age	12	
Annual Members	331	
	537	
Associate Members	203	
Junior Members	400	
	603	
 TOTAL (all categories)		1140



Junior Members in Tropical House
Courtesy of Chester Chronicle

**THE NORTH OF ENGLAND ZOOLOGICAL SOCIETY
BALANCE SHEET AS AT 31st DECEMBER, 1985**

		1985		1984
	Notes	£	£	£
FIXED ASSETS				
Tangible Assets	9			
Special Buildings, Enclosures and Equipment		1,019,693		1,036,004
Freehold Property		322,108		328,260
Animals		61,000		81,000
		<u>1,402,801</u>		<u>1,445,264</u>
CURRENT ASSETS				
Stocks	10	69,231		76,849
Debtors	11	39,917		17,646
Balance at Bank		2,522		3,149
Cash in Hand		6,087		5,764
Trust Fund Bank Account	12	15,542		20,217
		<u>133,299</u>		<u>123,625</u>
Creditors: Amounts falling due within one year				
Current Instalments due on Loans		12,277		17,351
Bank Overdraft (Secured)		549,202		424,275
Trade Creditors		44,775		56,260
Taxes and Social Security Costs		54,204		23,564
Other Creditors		9,140		23,815
Accruals		16,522		13,095
		<u>686,120</u>		<u>558,360</u>
NET CURRENT LIABILITIES			(552,821)	(434,735)
TOTAL ASSETS LESS CURRENT LIABILITIES			<u>849,980</u>	<u>1,010,529</u>
Creditors: Amounts falling due after more than one year				
Loan	14		184,154	277,622
NET ASSETS			<u>£665,826</u>	<u>£732,907</u>
RESERVES				
Income and Expenditure Account			630,284	712,690
Trust Fund	12		15,542	20,217
Capital Expenditure Grant	13		20,000	—
			<u>£665,826</u>	<u>£732,907</u>

*Approved by the Council
on 23rd March, 1986
J. O. L. King, Chairman
M. R. Brambell, Director*

**THE NORTH OF ENGLAND ZOOLOGICAL SOCIETY
STATEMENT OF SOURCE AND APPLICATION OF FUNDS
FOR THE YEAR ENDING 31st DECEMBER, 1985**

	1985		1984	
	£	£	£	£
SOURCE OF FUNDS				
(Deficit)/Surplus for the year on Ordinary Activities		(132,212)		3,201
Adjustment for Items Not Involving the Movement of Funds				
Depreciation	91,840		92,850	
Loss/(Profit) on Sale of Fixed Assets	6,070		(393)	
	<u> </u>	97,910	<u> </u>	92,457
Total Generated from Operations		(34,302)		95,658
FUNDS FROM OTHER SOURCES				
Sale of Fixed Tangible Assets	80,877		43,364	
Trust Fund and Capital Expenditure Grant	15,325		12,172	
	<u> </u>	96,202	<u> </u>	55,536
Total Funds Generated		<u>£61,900</u>		<u>£151,194</u>
APPLICATION OF FUNDS				
Purchase of Fixed Tangible Assets		86,518		167,238
MOVEMENT IN WORKING CAPITAL				
(Decrease)/Increase in Stock	(7,618)		22,541	
Increase/(Decrease) in Debtors	22,271		(34,680)	
(Increase) in Creditors	(7,907)		(22,121)	
Decrease in Bank Loan	93,468		63,436	
	<u> </u>	100,214	<u> </u>	29,176
MOVEMENT IN LIQUID FUNDS				
(Decrease) in Balance at Bank and Cash in Hand	(304)		(1,492)	
Decrease in Current Instalments due on Loans	5,074		2,711	
(Increase) in Bank Overdraft	(124,927)		(66,656)	
(Decrease)/Increase in Trust Fund Bank Account	(4,675)		20,217	
	<u> </u>	(124,832)	<u> </u>	(45,220)
		<u>£61,900</u>		<u>£151,194</u>

**THE NORTH OF ENGLAND ZOOLOGICAL SOCIETY
NOTES TO THE ACCOUNTS
FOR THE YEAR ENDING 31st DECEMBER, 1985**

1. ACCOUNTING POLICIES

There have been no changes in the accounting policies during the year.

Basis of Accounting

The accounts have been prepared under the historical cost convention.

Fixed Assets

The Council is of the opinion that the market value of the Society's land, property and buildings is in excess of the book values and, for insurance purposes, the Zoo buildings and house properties are valued at £3,686,500 replacement cost.

Property

In accordance with practice adopted in previous years, no depreciation has been provided on freehold land or property. It is the Society's policy to maintain its property in good condition, prolonging its useful life and making any depreciation provision immaterial. Repairs and maintenance costs are charged against income in the year as they are incurred.

Special Buildings, Enclosures and Equipment

Depreciation is provided at rates varying between 2% and 20% per annum estimated to write off each asset over the term of its useful life. The rates and method of depreciation are consistent with those used in previous years.

Animals

No valuation is made of the animal collection at the end of each year. Purchases and sales appear in the accounts in the year in which they arise.

The amount of £20,000 has been written off this year, to bring the net book value at 31st December, 1985, to £61,000. It is intended to write off a further £20,000 each year for the next three years to bring the net book value at 31st December, 1988, to £1,000.

Stocks

Valued on a basis consistent with that used in previous years at the lower of cost or net realisable value.

Pensions

The Society operates a pension scheme covering the majority of employees, and contributions are charged in the accounts as payments are made. Contributions by employees and by the Society are held in trustee-administered funds completely independent of the Society's finances.

Property Sales

Profit on sales of property consists of the difference between the net amount realised and the sum of cost and subsequent additions and is reported as an extraordinary item.

2. TURNOVER

Turnover represents cash and invoiced amounts of admission charges, goods sold and services provided (stated net of Value Added Tax).

The turnover is attributable as follows:—

	1985 £	1984 £
Admission Charges	1,191,155	1,168,538
Catering Receipts	597,792	569,029
Souvenir Receipts	243,410	249,944
Motor Boat Trips	32,403	35,202
Zoo Guides	51,758	48,839
Members' Subscriptions and Entrance Fees	6,338	4,989
Sundry Income	13,138	12,148
	<u>£2,135,994</u>	<u>£2,088,689</u>

3. OPERATING DEFICIT/SURPLUS

This is after charging:—

Auditors' Remuneration	3,800	3,500
Depreciation (other than Animals)	91,840	92,850
Loss/(Profit) on Sale of Fixed Assets	6,070	(393)
Hire of Equipment	4,458	7,847
	<u> </u>	<u> </u>

4. STAFF COSTS

Wages and Salaries		962,800	872,088
Social Security Costs		94,479	88,297
Other Pension Costs—	Current Year	30,723	28,159
	Prior Year	—	5,275
		<u> </u>	<u> </u>
		<u>£1,088,002</u>	<u>£993,819</u>

The average number of employees during the last year was made up as follows:—

	1985		1984	
	Permanent	Temporary	Permanent	Temporary
Administration	23	2	24	1
Maintenance and Gardens	46	6	49	5
Keeping	46	1	49	—
Catering and Shops	17	27	19	21
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u>132</u>	<u>36</u>	<u>141</u>	<u>27</u>

5. OTHER INCOME

	1985 £	1984 £
Zoo Property Rents	11,676	12,977
Zoo Farm Rents (net)	12,637	15,286
	<u> </u>	<u> </u>
	<u>£24,313</u>	<u>£28,263</u>

6. INTEREST RECEIVABLE

	1985 £	1984 £
Bank Deposit and Money Market Interest	1,930	1,591
Interest Charged on Employee Loans	—	380
	<u>£1,930</u>	<u>£1,971</u>

7. INTEREST PAYABLE

Bank	57,085	35,760
Other Loans Not Wholly Repayable Within Five Years	31,814	38,484
	<u>£88,899</u>	<u>£74,244</u>

8. EXTRAORDINARY ITEMS

Extraordinary Income:		
Profit on Sale of Property	69,806	37,031
Extraordinary Charge:		
Amount Written Off Stock of Animals	20,000	20,000
	<u>£49,806</u>	<u>£17,031</u>

9. TANGIBLE FIXED ASSETS

	Freehold Property £	Building & Enclosures £	Machinery & Equip. £	Animals £	Total £
Cost					
As at 1.1.85	328,260	1,555,544	413,010	149,685	2,446,499
Additions	1,348	57,905	27,265	(see below)	86,518
Disposals	(7,500)	—	(19,490)		(26,990)
As at 31.12.85	<u>£322,108</u>	<u>£1,613,449</u>	<u>£420,785</u>	<u>£149,685</u>	<u>£2,506,027</u>
Depreciation					
As at 1.1.85	—	720,311	212,239	68,685	1,001,235
Provided during year	—	58,809	33,031	20,000	111,840
Disposals	—	—	(9,849)	—	(9,849)
As at 31.12.85	<u>£ —</u>	<u>£779,120</u>	<u>£235,421</u>	<u>£88,685</u>	<u>£1,103,226</u>
Net Book Value at 31.12.85	<u>£322,108</u>	<u>£834,329</u>	<u>£185,364</u>	<u>£61,000</u>	<u>£1,402,801</u>
Net Book Value at 31.12.84	<u>£328,260</u>	<u>£835,233</u>	<u>£200,771</u>	<u>£81,000</u>	<u>£1,445,264</u>

Animal purchases of £28,638 (1984: £8,575) and sales of £33,878 (1984: £6,960) have been treated as revenue transactions in 1985.

10. STOCKS

	1985 £	1984 £
Goods for Resale	49,881	61,312
Consumables	19,350	15,537
	<u>£69,231</u>	<u>£76,849</u>

11. DEBTORS

Trade Debtors	22,229	1,728
Other Debtors	14,258	8,561
Prepayments and Accrued Income	3,430	7,357
	<u>£39,917</u>	<u>£17,646</u>

12. TRUST FUND

	1985		1984	
	£	£	£	£
Balance at 1.1.85		20,217		8,045
Adoptions	19,874		11,584	
Less: Transferred to Animal Foods	20,100		11,358	
		(226)		226
Sponsorship		9,471		8,958
In Memoriam: Mr. G. R. Pryor		—		458
Donations		6,080		2,530
Transfer to Capital Expenditure Grant		(20,000)		—
Balance at 31.12.85		<u>£15,542</u>		<u>£20,217</u>

13. CAPITAL EXPENDITURE GRANT

	1985 £	1984 £
Transfer from Trust Fund	<u>£20,000</u>	<u>£—</u>

14. LOAN

Amounts Repayable Within Five Years	49,108	69,404
Amounts Repayable After Five Years	135,046	208,218
	<u>£184,154</u>	<u>£277,622</u>

The current portion of the loan amounting to £12,277 is shown in the current liabilities.

The loan is secured on the freehold property.

15. SHARE CAPITAL

The Company is limited by guarantee and has no Share Capital. Members of the Company have guaranteed the liabilities of the Company to the extent of £1 each.

16. STATUS

The Company is registered with the Charity Commission No. 306077 and no taxation liability (other than V.A.T.) arises on income.

17. CAPITAL COMMITMENTS

The estimated amounts of commitments for future capital expenditure are:—

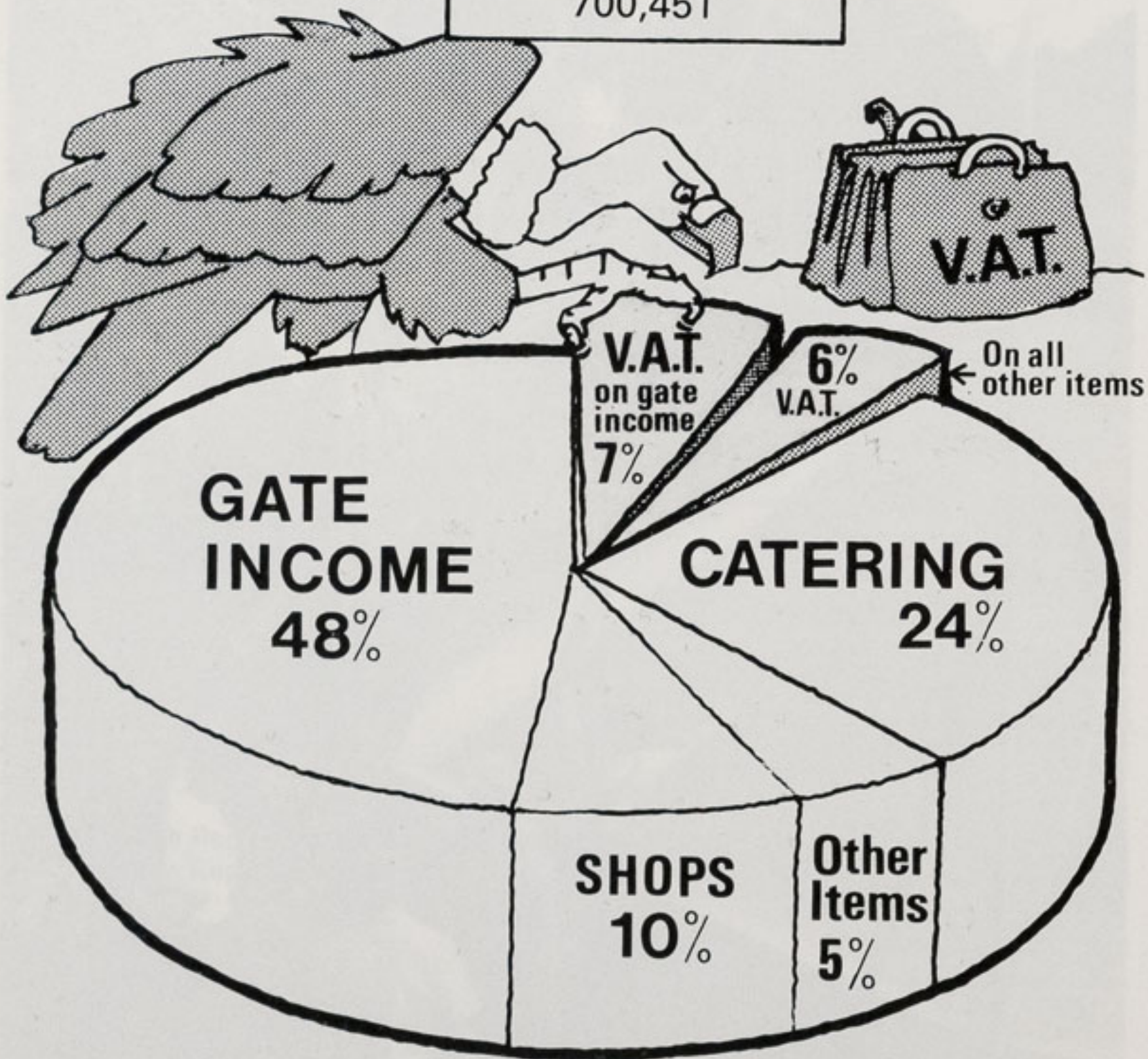
	1985	1984
	£	£
Under Contracts	1,600	14,500
Authorised by the Council but Not Contracted	—	—
	<u>£1,600</u>	<u>£14,500</u>



Constructing a tiger-proof fence
Courtesy of M. F. Coupe

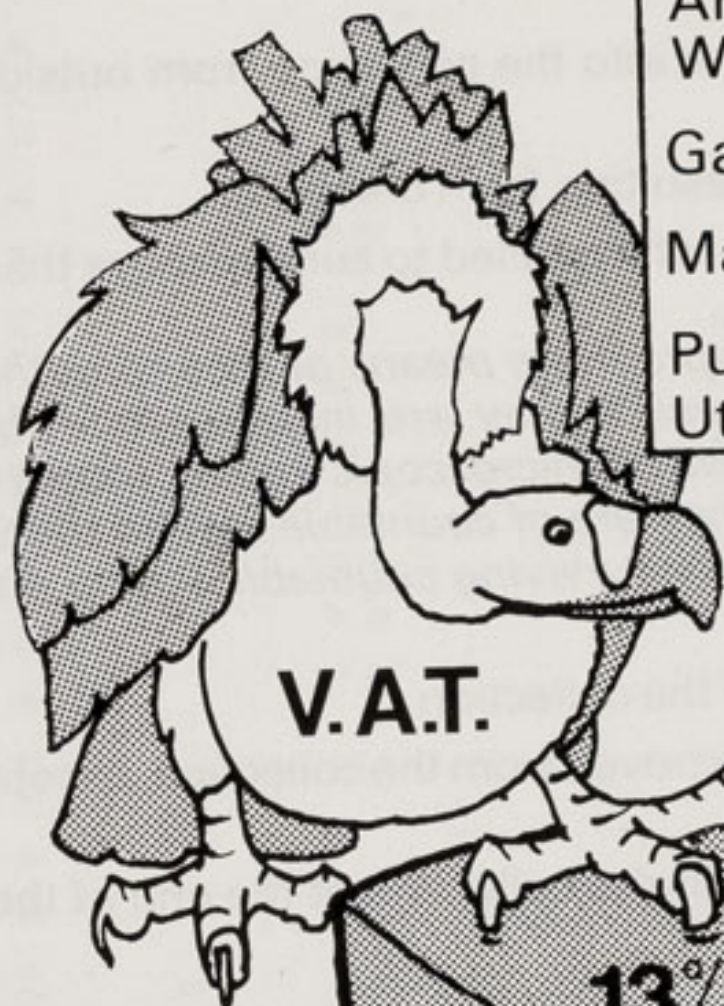
INCOME

	Adults	Children/ OAP
Normal Visitors	351,749	161,561
Party Visitors	64,338	108,788
Students/School Children with Zoo Teaching	2,316	11,699
TOTALS	418,403	282,048
	700,451	

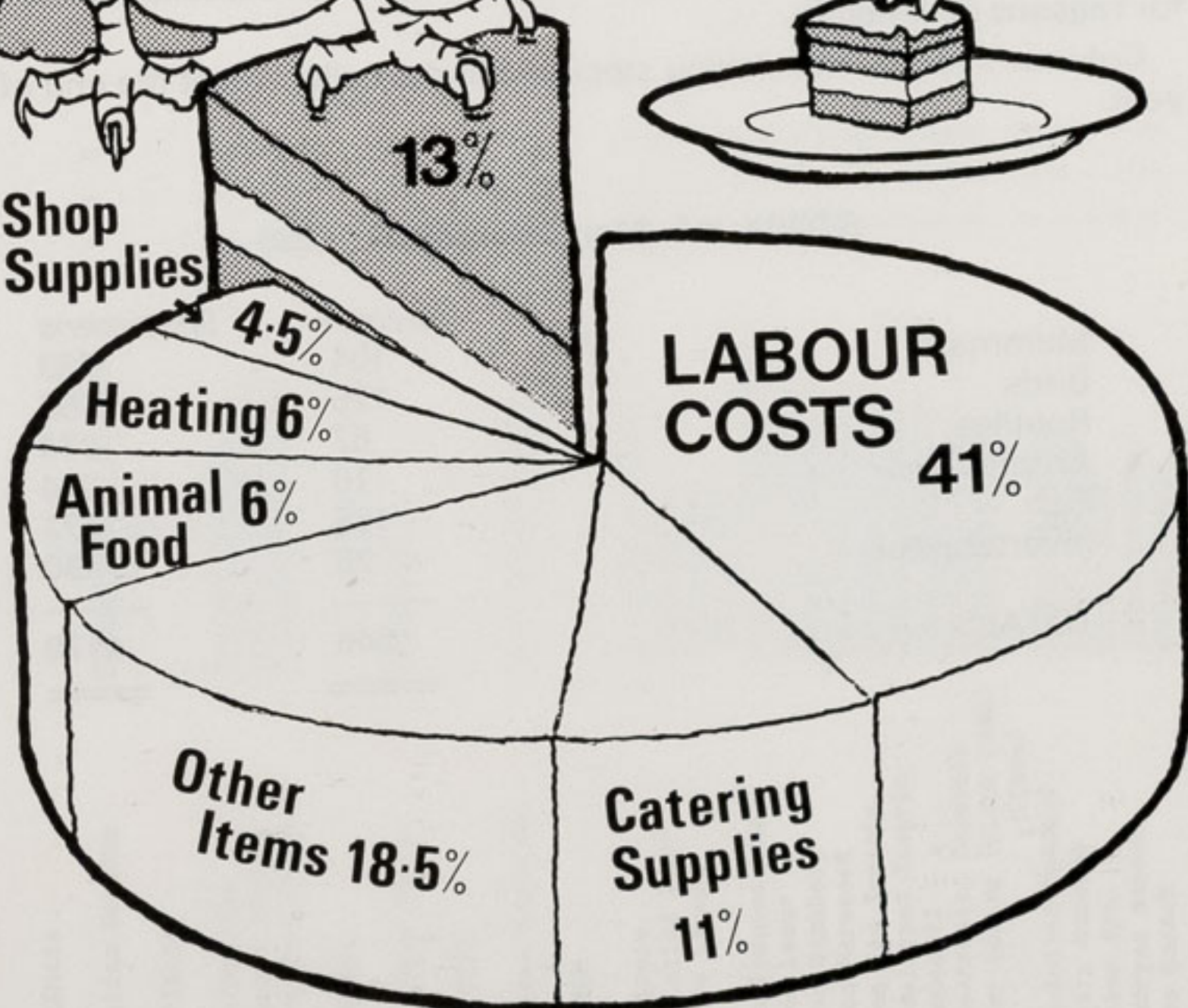


EXPENDITURE

	1985	1984
Animal Welfare	£448,212	£429,303
Gardens	£144,731	£145,737
Maintenance	£240,235	£212,374
Public Utilities	£181,610	£178,934



Shop Supplies



THE SEVEN COLUMN SYSTEM

The seven column accounting system of animal stocks is in line with all other major zoological institutions in the world.

The first column, Column 1, shows the opening stock, subdivided into three columns representing males, females and unsexed animals, including unsexed young.

Column 2 shows the stock which came into the collection from outside sources.

Column 3 shows the additional stock resulting from breeding.

Column 4 shows stock bred in the Zoo which failed to survive more than 30 days.

Although Columns 3 and 4 are appropriate means of recording the breeding performance of many species, they are inappropriate for species which produce large numbers of microscopic young, most of which are unlikely to survive until they are of countable size. In these species, Column 4 is ignored and only surviving countable young are included in Column 3.

Column 5 shows animals which died in the collection.

Column 6 shows animals which were removed from the collection, except for reasons of ill-health.

Column 7 shows the closing stock still in the collection at the end of the year.

STOCK AT 31st DECEMBER, 1985

	<i>Species</i>	<i>Specimens</i>
Mammals	104	733
Birds	175	756
Reptiles	67	274
Amphibians	16	214
Fish	156	c. 1772
Invertebrates	26	c. 430
TOTALS	<u>546</u>	<u>4179</u>

MAMMALS		1 STOCK 1/1/1985			2 RECEIVED			3 BORN/H'CH			4 D.N.S 30 DAYS			5 DEATHS OTHER			6 DISPOSALS			7 STOCK 31/12/1985		
		M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?
MONOTREMATA																						
Australian Echidna	<u>Tachyglossus aculeatus</u>	1	1	0																1	1	0
MARSUPIALIA																						
Tammar Wallaby	<u>Macropus eugenii</u>	5	6	0				1	0	0	1	0	0	1	1	0				4	5	0
Red-necked Wallaby	<u>Macropus rufogriseus</u>	12	10	0				0	0	4				2	2	0				10	8	4
Western Grey Kangaroo	<u>Macropus fuliginosus</u>	3	3	0													1	0	0	2	3	0
SCANDENTIA																						
Common Tree Shrew	<u>Tupaia glis</u>	1	1	0																1	1	0
CHIROPTERA																						
Rodrigues Fruit Bat	<u>Pteropus rodricensis</u>	7	4	0				7	1	0	5	0	0							9	5	0
PRIMATES																						
Slow Loris	<u>Nycticebus coucang</u>	0	0	0	3	2	0													3	2	0
Ring-tailed Lemur	<u>Lemur catta</u>	13	11	0				3	9	2	2	2	2				1	0	0	13	18	0
Mayotte Lemur	<u>Lemur macaco</u> <u>mayottensis</u>	1	3	0													1	3	0	0	0	0
White Fronted Lemur	<u>Lemur fulvovus albifrons</u>	0	0	0	2	4	0										1	1	0	1	3	0
Ruffed Lemur	<u>Lemur variegatus</u>	2	1	0																2	1	0
Lesser Bushbaby	<u>Galago senegalensis</u>	2	2	1																2	2	1
Common Marmoset	<u>Callithrix jacchus</u>	2	2	0				2	2	0	1	1	0							3	3	0
Cotton Top Tamarin	<u>Saguinus oedipus</u>	0	0	0	1	1	0													1	1	0
White-lipped Tamarin	<u>Saguinus labiatus</u>	0	1	0	1	0	0	0	0	3	0	0	2							1	1	1
Douroucoul	<u>Aotus trivirgatus</u>	0	0	0	1	1	0													1	1	0
White-fronted Capuchin	<u>Cebus albifrons</u>	3	4	0	2	2	0													5	6	0
Spider Monkey (black face) (form)	<u>Ateles paniscus</u>	2	5	0				0	1	0										2	6	0
Lion-tailed Macaque	<u>Macaca silenus</u>	4	0	0	1	0	0										1	0	0	4	0	0
Barbary Macaque	<u>Macaca sylvanus</u>	4	8	1				0	1	2	0	1	1				0	1	0	4	7	2
Celebes Ape	<u>Macaca niger</u>	2	1	0				0	1	0										2	2	0
Hamadryas Baboon	<u>Papio hamadryas</u>	8	6	0				0	2	2	0	2	2	1	1	0	2	0	0	5	5	0
Sykes Guenon	<u>Cercopithecus</u> <u>albogularis</u>	2	3	0																2	3	0
De Brazza Monkey	<u>Cercopithecus neglectus</u>	2	7	0	1	0	0										0	2	0	3	5	0
Talapoin Monkey	<u>Miopithecus talapoin</u>	2	5	0																2	5	0
Patas Monkey	<u>Erythrocebus patas</u>	3	3	0				0	1	0	0	1	0	1	0	0				2	3	0

MAMMALS		1 STOCK 1/1/1985			2 RECEIVED			3 BORN/H'CH			4 D.N.S 30 DAYS			5 DEATHS OTHER			6 DISPOSALS			7 STOCK 31/12/1985		
		M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?
Lar Gibbon	<u>Hylobates lar</u>	0	1	0																		
Chimpanzee	<u>Pan troglodytes</u>	6	13	0	2	0	0	2	2	0	1	1	0	0	1	0				0	0	0
Orang utan (Bornean Form)	<u>Pongo pygmaeus pygmaeus</u>	5	4	0										1	2	0	3	0	0	5	12	0
Orang utan (Sumatran Form)	<u>Pongo pygmaeus abelii</u>	2	1	0				1	0	0							1	0	0	4	4	0
Western Lowland Gorilla	<u>Gorilla gorilla gorilla</u>	1	0	0																3	1	0
Eastern Lowland Gorilla	<u>Gorilla gorilla graueri</u>	1	0	0													1	0	0	1	0	0
RODENTIA																						
Malay Giant Squirrel	<u>Ratufa bicolor</u>	1	0	0																		
Fire-footed Squirrel	<u>Funisciurus pyrrhopus</u>	1	4	0																		1 0 0
Prairie Marmot	<u>Cynomys ludovicianus</u>	0	0	150				0	0	40				0	0	25	0	0	15	0	0	150
Beaver	<u>Castor canadensis</u>	3	1	0										0	1	0	2	0	0	0	0	150
Springhaas	<u>Fedetes capensis</u>	0	0	0	1	5	0															1 0 0
African Crested Porcupine	<u>Hystrix cristata</u>	2	1	0				3	1	1	2	1	0	1	0	0				1	5	0
Indian Crested Porcupine	<u>Hystrix indica</u>	1	1	0													1	1	0	2	1	1
Capybara	<u>Hydrochoerus hydrochaeris</u>	1	2	3				0	0	4	0	0	1	0	0	3	0	1	0	0	0	0
Golden Agouti	<u>Dasyprocta aguti</u>	2	3	0				0	0	3				1	0	0				1	1	3
Coypu	<u>Myocastor coypus</u>	10	11	0				9	3	16	0	0	4	6	2	0	10	0	0	1	3	3
Mountain Viscacha	<u>Lagidium viscaccia</u>	2	0	0																3	12	12
CARNIVORA																						
Dingo	<u>Canis familiaris</u>	3	2	0																		2 0 0
Arctic Fox	<u>Alopex lagopus</u>	2	1	0	1	2	0										1	1	0	2	1	0
Fennec Fox	<u>Vulpes zerda</u>	1	0	0													0	1	0	3	2	0
Brown Bear	<u>Ursus arctos</u>	1	2	0				0	0	2							1	0	0	0	0	0
Polar Bear	<u>Thalarctos maritimus</u>	1	1	0																1	2	2
Common Raccoon	<u>Procyon lotor</u>	1	4	0				2	0	0				0	1	0	0	2	0	1	1	0
Coati	<u>Nasua nasua</u>	1	2	0				3	0	3	0	0	3				1	0	0	3	1	0
Kinkajou	<u>Potos flavus</u>	1	2	1																0	5	0
Small-clawed Otter	<u>Aonyx cinereus</u>	1	1	0																1	3	0
Striped Skunk	<u>Mephitis mephitis</u>	1	1	0																1	1	0
African Civet	<u>Viverra civetta</u>	0	1	0																1	1	0
Blotched Genet	<u>Genetta tigrina</u>	2	1	0																0	1	0
Binturong	<u>Arctictis binturong</u>	1	1	0																2	1	0
African Banded Mongoose	<u>Mungos mungo</u>	4	4	0													0	1	0	1	1	0

MAMMALS		1 STOCK 1/1/1985			2 RECEIVED			3 BORN/H'CH			4 D.N.S 30 DAYS			5 DEATHS OTHER			6 DISPOSALS			7 STOCK 31/12/1985		
		M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?
European Polecat	<u>Mustela putorius</u>	0	0	0	3	2	0	2	1	3	0	0	3				2	1	0	3	2	0
Meerkat	<u>Suricata suricata</u>	0	0	0	1	3	0													1	3	0
Margay	<u>Felis wiedi</u>	2	1	0				0	1	0							1	0	0	1	2	0
Jungle Cat	<u>Felis chaus</u>	1	1	0				1	5	3	0	0	3				1	1	0	1	5	0
Wildcat (Scottish form)	<u>Felis sylvestrina</u>	1	2	0				0	1	2	0	0	1	0	1	0	0	1	0	1	1	1
Ocelot	<u>Felis pardalis</u>	1	2	0													1	0	0	0	2	0
Caracal	<u>Felis caracal</u>	3	1	0				1	2	0							2	0	0	2	3	0
European Lynx	<u>Felis lynx</u>	1	2	0				1	1	1	0	0	1							2	3	0
Bobcat	<u>Felis rufus</u>	1	0	0													1	0	0	0	0	0
Serval	<u>Felis serval</u>	1	3	0																1	3	0
Geoffroy's Cat	<u>Felis geoffroyi</u>	3	2	0				1	1	0							1	0	0	3	3	0
Jaguarundi	<u>Felis jaguarundi</u>	1	2	0																1	2	0
Puma	<u>Felis concolor</u>	1	3	0													0	2	0	1	1	0
Lion (African form)	<u>Panthera leo leo</u>	2	5	0													1	2	0	1	3	0
Lion (Asiatic form)	<u>Panthera leo persica</u>	1	1	0	1	0	0	0	4	0	0	3	0				1	0	0	1	2	0
Tiger (Sumatran form)	<u>Panthera tigris sumatrae</u>	1	0	0																1	0	0
Tiger (Siberian form)	<u>Panthera tigris altaica</u>	1	1	0																1	1	0
Leopard (Black form)	<u>Panthera pardus pardus</u>	1	1	0				2	1	0										3	2	0
Leopard (Chinese form)	<u>Panthera pardus japonensis</u>	1	1	0																1	1	0
Clouded Leopard	<u>Neofelis nebulosa</u>	1	1	0																1	1	0
Jaguar	<u>Panthera onca</u>	2	0	0													1	0	0	1	0	0
Cheetah	<u>Acinonyx jubatus</u>	2	1	0										0	1	0				2	0	0
PINNIPEDIA																						
Californian Sealion	<u>Zalophus californianus</u>	1	4	0				1	0	0												2 4 0
PROBOSCIDEA																						
Indian Elephant	<u>Elephas maximus</u>	1	2	0																		1 2 0
PERISSODACTYLA																						
Przewalski's Horse	<u>Equus przewalskii</u>	1	3	0																		1 3 0
Common Zebra	<u>Equus burchelli</u>	5	7	0				1	2	0	1	2	0	0	1	0	3	1	0	2	5	0
Zebroid (Horse x Zebra)	<u>Equus (hybrid)</u>	1	0	0																1	0	0

MAMMALS

		1			2			3			4			5			6			7					
		STOCK			RECEIVED			BORN/H'CH			D.N.S			DEATHS			DISPOSALS			STOCK					
		1/1/1985									30 DAYS			OTHER						31/12/1985					
	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?				
Onager (Persian form)	<u>Equus hemionus</u>	1	2	0																					
	onager						1	0	0												2	2	0		
Onager (x bred)	<u>Equus hemionus</u>	1	1	0																					
Donkey (domestic)	<u>Equus asinus</u>	2	1	0						1	0	0										1	1	0	
Brazilian Tapir	<u>Tapirus terrestris</u>	2	2	0												2	1	0				0	0	0	
Black Rhinoceros	<u>Diceros bicornis</u>	2	1	0																		2	3	0	
White Rhinoceros	<u>Ceratotherium simum</u>	1	0	0																		2	1	0	
																						1	0	0	
ARTIODACTYLA																									
Collard Peccary	<u>Tayassu tajacu</u>	1	0	0	3	4	0															4	4	0	
Common Hippopotamus	<u>Hippopotamus amphibius</u>	1	1	0				0	1	0			0	1	0								1	1	0
Llama	<u>Lama lama</u>	2	4	0				1	0	0			1	0	0								2	3	0
Guanaco	<u>Lama guanicoe</u>	4	8	0				3	1	0													5	9	0
Alpaca	<u>Lama pacos</u>	2	2	0				1	0	0												3	2	0	
Bactrian Camel	<u>Camelus bactrianus</u>	1	0	0	0	1	0																0	0	0
Arabian Camel (? hybrid)	<u>Camelus dromedarius</u>	1	1	0																			1	1	0
Axis Deer	<u>Cervus axis</u>	7	5	0				2	1	0			0	1	0							4	0	0	
Wapiti	<u>Cervus canadensis</u>	3	4	0	1	0	0						0	1	0							3	0	0	
Pere David's Deer	<u>Elaphurus davidianus</u>	5	10	0				1	0	0			0	1	0							3	0	0	
Reindeer	<u>Rangifer tarandus</u>	7	9	0	1	0	0						4	3	0							2	3	0	
Chinese Water Deer	<u>Hydropotes inermis</u>	3	3	0				2	0	0			2	2	0							5	0	0	
Giraffe	<u>Giraffa camelopardalis</u>	0	2	0	1	0	0						1	0	0								4	3	0
Eland	<u>Taurotragus oryx</u>	4	4	0				1	1	0													1	2	0
Nilgai	<u>Boselaphus tragocamelus</u>	1	1	0	2	5	0															2	0	0	
Ankole Cattle (domestic)	<u>Bos taurus</u>	1	3	0				0	4	0												1	2	0	
American Bison	<u>Bison bison</u>	6	5	0	0	3	0																1	5	0
Congo Buffalo	<u>Syncerus caffer nanus</u>	1	1	0				1	1	0						0	1	0				2	1	0	
Gaur	<u>Bos gaurus</u>	1	0	0				0	1	0													5	7	0
Red Lechwe	<u>Kobus lechwe</u>	1	0	0				0	1	0													1	2	0
Wildebeeste	<u>Connochaetes taurinus</u>	6	15	0				5	6	0			3	3	0							1	0	0	
Blackbuck	<u>Antelope cervicapra</u>	0	2	0	1	0	0						1	0	0							3	3	0	
Arabian Gazelle	<u>Gazelle gazella</u>	4	5	0				3	2	0			1	1	0							1	0	0	
	arabica	3	3	0				2	2	0			2	0	0							1	1	0	
Bagot Goat (domestic)	<u>Capra hircus</u>	2	5	0				1	1	0												3	5	0	
Soay Sheep (domestic)	<u>Ovis aries</u>	0	0	9				0	0	7			0	0	1							0	0	15	
Vietnam Pig	<u>Sua scrofa (Domestica)</u>	0	0	0	1	1	0						0	0	6							0	0	0	
													0	0	6							1	1	0	
		714			67			248				77			75							144		733	

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BIRDS

		1			2			3			4			5			6			7								
		STOCK			RECEIVED			BORN/H'CH			D.N.S			DEATHS			DISPOSALS			STOCK								
		1/1/1985									30 DAYS			OTHER						31/12/1985								
	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?							
STRUTHIONIFORMES																												
Ostrich	<u>Struthio camelus</u>	1	1	8						0	0	10	0	0	8	0	0	1	0	0	9	1	1	0				
RHEIFORMES																												
Common Rhea	<u>Rhea americana</u>	1	2	1						0	0	9				0	0	1			0	0	4	1	2	5		
CASUARIIFORMES																												
Emu	<u>Dromaius novaehollandiae</u>	2	1	0																		1	0	0	1	1	0	
TINAMIFORMES																												
Chilean Tinamou	<u>Notboprocta perdicaria</u>	0	0	21						0	0	36	0	0	10	0	0	1			0	0	17	0	0	29		
SPHENISCIFORMES																												
Humboldt's Penguin	<u>Spheniscus humboldti</u>	7	8	9						0	0	7	0	0	5	1	0	1						6	8	10		
CICONIIFORMES																												
Little Egret	<u>Egretta garzetta</u>	1	1	0						1	0	0												2	1	0		
Night Heron	<u>Nycticorax nycticorax</u>	3	3	0						0	0	3	0	0	3									3	3	0		
Sacred Ibis	<u>Threskiornis aethiopicus</u>	0	0	11						0	0	4	0	0	2	0	0	1			0	0	2	0	0	10		
Straw-necked Ibis	<u>Threskiornis spinicollis</u>	0	0	6																								
Indian White Ibis	<u>Threskiornis melanocephalus</u>	1	1	1																			1	1	1	0	0	0
Common Spoonbill	<u>Platalea leucorodia</u>	0	0	0	0	0	4									0	0	1						0	0	3		
Chilean Flamingo	<u>Phoenicopterus chilensis</u>	6	12	1	0	0	1																	6	12	2		
Caribbean Flamingo	<u>Phoenicopterus ruber</u>	5	3	11																				5	3	11		
	ruber																											
ANSERIFORMES																												
White-faced Whistling Duck	<u>Dendrocygna viduata</u>	4	4	0																				3	4	0		
Fulvous Tree Duck	<u>Dendrocygna bicolor</u>	1	3	1																				1	1	0		
Black Swan	<u>Cygnus atratus</u>	1	1	0						0	0	9	0	0	1	0	0	1					0	0	7	1	1	0

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BIRDS

		1			2			3			4			5			6			7		
		STOCK			RECEIVED			BORN/H*CH			D.N.S			DEATHS			DISPOSALS			STOCK		
		1/1/1985									30 DAYS			OTHER						31/12/1985		
	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	
Mute Swan	<i>Cygnus olor</i>	0	1	0															0	1	0	
Lesser Snow Goose	<i>Anser caeruleascens</i>	2	1	2	0	1	0												2	2	2	
Emperor Goose	<i>Anser canagicus</i>	1	1	0	2	2	0												3	3	0	
Pink-footed Goose	<i>Anser fabalis</i>	0	0	1													0	0	1	0	0	0
	<i>brachyrhynchus</i>																					
Bar-headed Goose	<i>Anser indicus</i>	1	1	0										1	0	0			0	1	0	
Ross's Snow Goose	<i>Anser rossii</i>	2	2	0										1	1	0			1	1	0	
Barnacle Goose	<i>Branta leucopsis</i>	2	2	0	0	1	0							0	1	0			2	2	0	
Red-breasted Goose	<i>Branta ruficollis</i>	4	3	0										1	0	0			3	3	0	
Hawaiian Goose	<i>Branta sandvicensis</i>	3	3	0															3	3	0	
Cereopsis Goose	<i>Cereopsis novaehollandiae</i>	1	1	0			0	0	2	0	0	2							1	1	0	
Andean Goose	<i>Chloephaga melanoptera</i>	1	1	0													1	1	0	0	0	
Ruddy-headed Goose	<i>Chloephaga rubidiceps</i>	0	0	0	1	1	0												1	1	0	
Common Shelduck	<i>Tadorna tadorna</i>	2	2	0															2	2	0	
Bahama Pintail	<i>Anas bahamensis</i>	1	3	0										0	1	0			1	2	0	
Wigeon	<i>Anas penelope</i>	1	0	0	0	1	0												1	1	0	
Northern Shoveler	<i>Anas clypeata</i>	2	2	0															2	2	0	
Red Shoveler	<i>Anas platyalea</i>	3	1	0	0	2	0												3	3	0	
Laysan Teal	<i>Anas platyrhynchos</i>	1	1	0			0	0	11									0	0	11	1	1
	<i>laysanensis</i>																					
Chiloe Wigeon	<i>Anas sibilatrix</i>	2	2	0	1	1	0	0	0	3	0	0	1				0	0	2	3	3	0
Ringed Teal	<i>Anas leucophris</i>	1	1	0																1	1	0
Tufted Duck	<i>Arthya fulicula</i>	3	3	0																3	3	0
Rosy-billed Pochard	<i>Netta peposaca</i>	2	2	0			0	0	9	0	0	1	0	0	0	2	0	0	0	6	2	2
Red-crested Pochard	<i>Netta rufina</i>	2	3	0										0	1	0			2	2	0	
Maned Goose	<i>Chenonetta jubata</i>	3	3	0	0	2	0							0	2	0			3	3	0	
Mandarin Duck	<i>Aix galericulata</i>	6	6	0			0	0	40	0	0	16					0	0	12	14	10	0
Carolina Duck	<i>Aix sponsa</i>	3	3	0	0	1	0	0	0	7				0	1	0	0	0	6	3	3	1
White-winged Wood Duck	<i>Cairina scutulata</i>	1	1	0	0	1	0							0	1	0			0	1	0	
Duck (domestic)	<i>Anas platyrhynchos</i>	0	0	4										0	0	2			0	0	2	
Hooded Merganser	<i>Mergus cucullatus</i>	0	0	0	2	2	0												2	2	0	
Ruddy Duck	<i>Oxyura jamaicensis</i>	0	0	0	3	3	0												3	3	0	
FALCONIFORMES																						
Andean Condor	<i>Vultur gryphus</i>	1	1	0			1	1	0	1	0	0							1	2	0	
White-headed Vulture	<i>Trigoniceps occipitalis</i>	0	2	0														0	2	0	0	0
Bateleur Eagle	<i>Terathopius ecaudatus</i>	0	1	0	1	0	0												1	1	0	
Wedge-tailed Eagle	<i>Aquila audax</i>	1	1	0															1	1	0	

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BIRDS

		1			2			3			4			5			6			7		
		STOCK			RECEIVED			BORN/H*CH			D.N.S			DEATHS			DISPOSALS			STOCK		
		1/1/1985									30 DAYS			OTHER						31/12/1985		
	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	
GALLIFORMES																						
Variable Chachalaca	<i>Ortalis motacilla</i>	1	0	0																1	0	0
Sclater's Crested Curassow	<i>Crax fasciolata sclateri</i>	1	2	0	1	0	0										2	4	0	1	1	0
Crested Guan	<i>Penelope purpurascens</i>	2	4	0	1	1	0													1	0	0
Californian Quail	<i>Lophortyx californica</i>	0	0	0	1	0	0							1	0	0				1	1	0
Madagascar Partridge	<i>Margaroperdix madagascariensis</i>	1	0	0	1	1	0							0	1	0				2	1	0
Roullou Partridge	<i>Bollulus roullou</i>	1	1	0	1	1	0													1	1	0
Satyr Tragopan	<i>Trogon satyra</i>	0	0	0	1	1	0							0	1	0				2	2	0
Blue Eared-Pheasant	<i>Crossoptilon auritum</i>	2	2	0	0	1	0							0	1	0				1	0	0
Brown Eared-Pheasant	<i>Crossoptilon mantchuricum</i>	1	1	0										0	1	0			1	0	0	
White Eared-Pheasant	<i>Crossoptilon crossoptilon</i>	1	1	0	1	0	0										1	0	0	1	1	0
Golden Pheasant	<i>Chrysolophus pictus</i>	1	1	0			0	0	10					0	0	1	0	0	9	1	1	0
Grey Peacock-Pheasant	<i>Polyplectron bicalcaratum</i>	2	2	0	1	1	0	0	0	3	0	0	2				2	2	1	1	1	0
Palawan Peacock Pheasant	<i>Polyplectron superbum</i>	2	2	1	1	0	0	0	0	4	0	0	2	1	1	1				2	1	2
Sonnerat's Jungle Fowl	<i>Gallus sonneratii</i>	1	1	0										1	0	0				0	1	0
Common Peafowl	<i>Pavo cristatus</i>	6	9	0	1	0	0	0	0	8							4	3	0	3	6	8
Bantam (domestic)	<i>Gallus sp.</i>	0	0	2																0	0	2
GRUIFORMES																						
Red-crowned Crane	<i>Grus japonensis</i>	2	0	0																2	0	0
Sarus Crane	<i>Grus antigona</i>	1	2	0										0	1	0				1	1	0
Demoiselle Crane	<i>Anthropoides virgo</i>	1	1	0																1	1	0
West African Crowned Crane	<i>Balearica pavonina</i>	0	0	0	1	1	0													1	1	0
Purple Gallinule	<i>Porphyrio porphyrio</i>	0	1	0													0	1	0	0	0	0
Red and White Crake	<i>Laterallus leucopyrrhus</i>	1	1	2										1	1	1				0	0	1
Ypecaha Rail	<i>Aramides ypecaha</i>	0	0	0	1	1	0													1	1	0
Sun Bittern	<i>Eurypyga helias</i>	1	1	0																1	1	0
CHARADRIIFORMES																						
Grey-headed Gull	<i>Larus cirrocephalus</i>	2	2	0																2	2	0
Southern Stone Curlew	<i>Burhinus magdalenensis</i>	1	1	0	1	0	0							1	0	0				1	1	0
Blacksmith's Plover	<i>Vanellus arvensis</i>	1	1	3			0	0	7	0	0	4								1	1	6
Crowned Plover	<i>Vanellus coronatus</i>	2	1	3			0	0	10	0	0	7	1	0	1	0	0	2		1	1	3
COLUMBIFORMES																						
Pallas's Sandgrouse	<i>Syrhaptes paradoxus</i>	0	0	0	4	1	0	1	1	2	0	0	2	1	0	0				4	2	0
Speckled Pigeon	<i>Columba eunice</i>	0	0	5													0	0	1	0	0	4
Pink Pigeon	<i>Nesopha mayeri</i>	0	0	0	1	0	0													1	0	0
Chinese Necklaced Dove	<i>Streptopelia chinensis</i>	1	0	0													1	0	0	0	0	0

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BIRDS

		1			2			3			4			5			6			7				
		STOCK			RECEIVED			BORN/H'CH			D.N.S			DEATHS			DISPOSALS			STOCK				
		1/1/1985									30 DAYS			OTHER						31/12/1985				
	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?			
Laughing Dove	<u>Streptopelia</u>	1	1	0	0	0	1																	
Bar-tailed Cuckoo Dove	<u>Macropygia unchall</u>	1	1	0																	1	1	1	
Crested Bronzewing Pigeon	<u>Ochophaps lobhotes</u>	2	2	1																	1	1	0	
Mountain Witch Dove	<u>Geotrygon versicolor</u>	0	0	5				0	0	8			0	1	0	0	0	5			2	1	4	
													0	0	1						0	0	4	
PSITTACIFORMES																								
Red Lory	<u>Eos bornea</u>	1	1	0																				
Dusky Lory	<u>Pseudeos fuscata</u>	1	1	0																		1	1	0
Scaly-breasted Lorikeet	<u>Trichoglossus chlorolepidotus</u>	0	0	3																		1	1	0
Swainson's Lorikeet	<u>Trichoglossus haemastodus moluccanus</u>	1	2	4																		1	2	4
Weber's Lorikeet	<u>Trichoglossus haemastodus weberi</u>	1	1	0																		1	1	0
Ornate Lorikeet	<u>Trichoglossus ornatus</u>	1	1	0																		1	1	0
Goldie's Lorikeet	<u>Trichoglossus goldiei</u>	1	1	0																		1	1	0
Yellow-backed Lory	<u>Lorius garrulus flavopalliatu</u>	0	0	0	1	0	0															1	0	0
Palm Cockatoo	<u>Probosciger aterrimus</u>	2	1	0																		2	1	0
Moluccan Cockatoo	<u>Cacatua moluccensis</u>	1	1	0									1	0	0	0	1	0				0	0	0
Blue-eyed Cockatoo	<u>Cacatua ophthalmica</u>	6	3	0				0	0	2												5	3	2
Kea	<u>Nestor notabilis</u>	2	1	0	0	1	0															2	2	0
Red-sided Eclectus Parrot	<u>Eclectus roratus polychloros</u>	2	1	0				1	1	0												2	2	0
Crimson-winged Parrakeet	<u>Aprosmictus erythropterus</u>	1	1	0				0	0	1	0	0	1									1	1	0
Barraband Parrakeet	<u>Polytelis swainsoni</u>	1	1	1				0	0	2	0	0	2									1	1	0
Vasa Parrot	<u>Coracopsis vasa</u>	0	0	0	1	1	0															1	1	0
Lesser Vasa Parrot	<u>Coracopsis nigra nigra</u>	3	2	0	0	1	0	0	0	2												1	1	0
Vernall's Hanging Parrot	<u>Loriculus vernalis</u>	1	1	0																		3	3	2
Crimson Rosella	<u>Platycercus elegans</u>	1	1	0									1	1	0							0	0	0
Golden-mantled Rosella	<u>Platycercus eximius</u>	0	0	0	0	0	1															1	1	0
Hooded Parrakeet	<u>Psephotus chrysopsiervysius dissimilis</u>	2	2	0	0	1	0						0	1	0							0	0	1
Splendid Parrakeet	<u>Neophema splendida</u>	1	1	0				0	0	8												2	2	0
Senegal Parrot	<u>Poicephalus senegalus</u>	0	0	3									0	0	2	0	0	6				1	1	0
																0	0	3				0	0	0

BIRDS

		1			2			3			4			5			6			7				
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		1/1/1985									30 DAYS			OTHER						31/12/1985				
	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?			
Moustached Parrakeet	<u>Psittacula alexandri</u>	0	0	0	0	1	0															0	1	0
Derbyan Parrakeet	<u>Psittacula derbiana</u>	4	3	2				0	0	4	0	0	2	0	1	0						4	4	2
Red-fronted Macaw	<u>Ara rubrogenys</u>	1	7	0																		1	7	0
Red-masked Conure	<u>Aratinga erythrogastra</u>	3	1	5													0	0	3			3	1	2
Queen of Bavaria Conure	<u>Aratinga guarouba</u>	1	1	0																		1	1	0
Lesser Patagonian Conure	<u>Cyanoliseus patagonus</u>	0	0	19				0	0	15							0	0	9			0	0	25
Maroon-tailed Conure	<u>Pyrrhura melanura</u>	2	2	0				0	0	9				0	1	0	0	0	4			2	1	5
Slender-billed Parrakeet	<u>Epicognathus leptorhynchus</u>	1	2	0				3	0	3	0	0	2	1	1	1						3	1	0
Yellow-faced Parrotlet	<u>Forpus xanthops</u>	5	9	1	0	2	0	2	2	0				0	1	1	2	2	0			5	10	0
Yellow-billed Amazon	<u>Amazona collaris</u>	2	2	0				0	0	2	0	0	2	0	1	0						2	1	0
Blue-fronted Amazon	<u>Amazona aestiva</u>	0	1	0													0	1	0			0	0	0
Lilacine Amazon Parrot	<u>Amazona autumnalis lilacina</u>	2	2	0																		2	2	0
Hawk-headed Parrot	<u>Deropterus accipitrinus</u>	2	0	0	0	2	0															2	2	0
CUCULIFORMES																								
Hartlaub's Tuaraco	<u>Tauraco hartlaubi</u>	0	1	0	1	0	0															1	1	0
Schalow's Tuaraco	<u>Tauraco schalowi</u>	1	1	0										0	1	0						1	0	0
White-cheeked Tuaraco	<u>Tauraco leucotis</u>	0	0	0	0	0	3															0	0	3
Grey Go-Away Bird	<u>Crinifer concolor</u>	0	0	0	0	0	3							0	0	1						0	0	2
Renauld's Ground Cuckoo	<u>Carpococcyx renauldi</u>	1	1	0																				
STRIGIFORMES																								
Barn Owl	<u>Tyto alba</u>	0	0	0	0	1	1															0	1	1
Spotted Eagle Owl	<u>Bubo africanus</u>	1	1	0	2	0	0							2	0	0	1	0	0			0	1	0
Great Eagle Owl	<u>Bubo bubo</u>	2	2	0				1	1	0												2	2	0
Great Horned Owl	<u>Bubo virginianus</u>	0	3	0	2	0	0										0	1	0			2	2	0
Fishing Owl	<u>Scotopelia bouvieri</u>	0	1	0																		0	1	0
Spectacled Owl	<u>Fulatrix perspicillata</u>	4	2	0				0	0	1	0	0	1	1	0	0						3	2	0
Snowy Owl	<u>Nyctes scandiaca</u>	3	2	0				0	0	2							1	0	2			2	2	0
Boobook Owl	<u>Ninox novaeseelandiae</u>	1	1	0													1	1	0			0	0	0

BIRDS		1 STOCK 1/1/1985			2 RECEIVED			3 BORN/H'CH			4 D.N.S 30 DAYS			5 DEATHS OTHER			6 DISPOSALS			7 STOCK 31/12/1985		
		M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?
CAPRIMULGIFORMES																						
Tawny Frogmouth	<i>Podiceps strigoides</i>	2	0	0																		
APODIIFORMES																						
Amazilia Hummingbird	<i>Amazilia amazilia</i>	0	0	1										0	0	1				0	0	0
Red-backed Mousebird	<i>Colius castaneus</i>	1	1	6				0	0	1	0	0	1	0	0	4				1	1	2
CORACIIFORMES																						
Kookaburra	<i>Dacelo novaeguineae</i>	2	2	0				0	0	2							0	0	2	2	2	0
Grey Hornbill	<i>Tockus nasutus</i>	0	0	0	1	2	0													1	2	0
Red-billed Hornbill	<i>Tockus erythrorhynchus</i>	1	0	1										0	0	1				1	0	0
Trumpeter Hornbill	<i>Bucconides buccinator</i>	0	0	0	1	1	0													1	1	0
Great Indian Hornbill	<i>Buceros bicornis</i>	1	1	0				0	0	2	0	0	2							1	1	0
PICIFORMES																						
Red-headed Barbet	<i>Eubucco bourcierii</i>	0	1	0													0	1	0	0	0	0
Fire-tufted Barbet	<i>Psilopogon pyrolophus</i>	0	3	1	2	0	0	0	0	1	0	0	1	0	1	0				2	2	1
Crimson-rumped Toucanet	<i>Aulacorhynchus haematopygus</i>	1	0	0	0	0	2													1	0	2
Channel-billed Toucan	<i>Ramphastos vitellinus</i>	1	1	0																1	1	0
White Woodpecker	<i>Leuconerpes capidus</i>	0	1	0	1	0	0													1	1	0
PASSERIFORMES																						
Red-eared Bulbul	<i>Pycnonotus jocosus</i>	0	0	5										0	0	1				0	0	4
Chinese Bulbul	<i>Pycnonotus sinensis</i>	0	0	0	0	0	2													0	0	2
Fairy Bluebird	<i>Irepa swalla</i>	2	2	0				0	0	4	0	0	2	1	0	1				1	2	1
Red-headed Laughing Thrush	<i>Garrulax erythrocephalus</i>	2	1	1																2	1	1
White-crested Laughing Thrush	<i>Garrulax leucolophus</i>	0	0	5													0	0	1	0	0	4
Pekin Robin	<i>Leiothrix lutes</i>	0	0	2	0	0	2													0	0	4
Silver-eared Mesia	<i>Leiothrix argentauris</i>	0	0	3	0	0	4													0	0	4
Blue-necked Tanager	<i>Tangara cyanicollis</i>	0	0	2										0	0	3				0	0	1
Japanese White-eye	<i>Zosterops japonica</i>	0	0	1										0	0	1				0	0	0
Black-capped White-eye	<i>Zosterops atricapilla</i>	0	0	3										0	0	2				0	0	1
Red-cowled Cardinal	<i>Paroria dominicana</i>	0	0	3				0	0	10	0	0	4	0	0	3	0	0	3	1	1	1

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BIRDS		1 STOCK 1/1/1985			2 RECEIVED			3 BORN/H'CH			4 D.N.S 30 DAYS			5 DEATHS OTHER			6 DISPOSALS			7 STOCK 31/12/1985		
		M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?
Wagler's Oropendola	<i>Psarocolius wagleri</i>	0	0	9										0	0	3				0	0	6
Boat-tailed Grackle	<i>Cassidix mexicanus</i>	1	0	0										1	0	0				0	0	0
Brown & Yellow Warbler	<i>Pseudoleistes virescens</i>	1	0	0																1	0	0
Giant Cowbird	<i>Scapipura oryzivora</i>	1	1	0				0	0	24	0	0	5	2	0	2	0	0	17	3	4	0
Mexican House Finch	<i>Carpodacus mexicanus</i>	5	4	0										0	0	1				0	0	4
Orange-cheeked Waxbill	<i>Estrilda melpoda</i>	0	0	5										0	0	1				0	0	0
Red-eared Waxbill	<i>Estrilda troglodytes</i>	0	0	1										1	0	0				0	0	0
Red Avadavat	<i>Amandaya amandaya</i>	0	0	0	1	0	0							0	0	15				0	0	15
Zebra Finch	<i>Poephila guttata</i>	0	0	24				0	0	6				0	0	15				0	0	1
Bengalese Finch	<i>Lonchura striata</i>	1	1	2										1	1	1				0	0	5
Spice Bird	<i>Lonchura punctulata</i>	0	0	5										0	1	0				1	0	0
Red-billed Buffalo Weaver	<i>Bubalornis niger</i>	1	1	0										6	6	0				1	0	0
Golden Sparrow	<i>Passer luteus</i>	1	0	0	6	6	0							0	0	3				0	0	3
Java Sparrow	<i>Padda oryzivora</i>	0	0	6				0	0	2	0	0	2	0	0	3				1	2	0
Baya Weaver	<i>Ploceus philippinus</i>	1	2	0										0	0	1				0	0	10
Red-billed Weaver	<i>Quelea quelea</i>	0	0	11										1	0	0				2	1	0
Napoleon Weaver	<i>Euplectes afer</i>	3	1	0										1	1	0				1	1	1
Long-tailed Glossy Starling	<i>Lamprotornis caudatus</i>	2	2	1				0	0	1	0	0	1	1	1	0				1	1	1
Purple Glossy Starling	<i>Lamprotornis purpureus</i>	2	2	0	0	1	1	0	0	6	0	0	5	1	0	0	0	0	1	1	3	1
Blue-eared Glossy Starling	<i>Lamprotornis chalybeus</i>	3	0	0										1	0	0	1	0	0	1	0	0
Cape Glossy Starling	<i>Lamprotornis nitens</i>	0	1	0										0	1	0				0	0	0
Amethyst Starling	<i>Cinnyricinclus leucogaster</i>	0	0	0	3	1	0							1	1	0				2	0	0
Superb Starling	<i>Spreo superbus</i>	5	2	0	0	1	0	0	0	5	0	0	2	0	0	2	1	0	1	4	3	0
Hildebrandt's Starling	<i>Spreo hildebrandti</i>	0	0	2										0	0	2				0	0	0
Royal Starling	<i>Cosmopsarus regius</i>	0	0	0	3	1	0							1	0	0	1	0	0	1	1	0
Spotted-wing Starling	<i>Saroglossa spiloptera</i>	0	1	0										0	1	0				0	0	0
Jerdon's Starling	<i>Sturnus burmannicus</i>	1	1	0										1	1	0				0	0	0
Rothschild's Mynah	<i>Leucopsar rothschildi</i>	2	1	0	2	2	0							0	1	0				4	2	0
Common Mynah	<i>Acridotheres tristis</i>	2	2	2				0	0	7	0	0	6	0	1	2				2	1	1
Jungle Mynah	<i>Acridotheres fuscus</i>	0	0	1													0	0	1	0	0	0
White-vented Mynah	<i>Acridotheres javanicus</i>	0	0	3										0	0	2				0	0	1
Hill Mynah	<i>Gracula religiosa</i>	0	0	3										0	0	2				2	3	0
Coloto Mynah	<i>Sarcops calvus</i>	1	2	0	1	1	0	0	0	5	0	0	5	0	1	0				1	0	0
Black-naped Oriole	<i>Oriolus chinensis</i>	1	1	0										0	1	0				1	0	0
Red-billed Blue Magpie	<i>Urocissa erythrorhynchos</i>	3	2	0																3	2	0
San Blas Jay	<i>Cissilopha sanblasiana</i>	1	1	1				0	0	4	0	0	2	0	0	1				1	1	2
Green Jay	<i>Cyanocorax yocass</i>	2	2	0																2	2	0
Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>	0	0	4																0	0	4
		739			134			349			115			154			197			756		

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REPTILES

		1			2			3			4			5			6			7		
		STOCK			RECEIVED			BORN/H'CH			D.N.S			DEATHS			DISPOSALS			STOCK		
		1/1/1985									30 DAYS			OTHER						31/12/1985		
	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	
RHYNCHOCEPHALIA																						
Tuatara																						
	<i>Sphenodon punctatus</i>	1	1	0																		
CHELONIA																						
Greek Tortoise	<i>Testudo graeca</i>	6	7	5																		
Herman's Tortoise	<i>Testudo hermanni</i>	3	7	6	0	0	15	0	0	1			0	0	17				6	8	3	
Aldabra Giant Tortoise	<i>Geochelone gigantea</i>	1	4	0	0	0	7	0	0	2			0	0	5				5	10	5	
Spurred Tortoise	<i>Geochelone sulcata</i>	1	0	1															1	4	0	
Matamata Turtle	<i>Chelonia fimbriatus</i>	1	0	0															1	0	1	
Soft-shelled Turtle	<i>Trionyx triunguis</i>	1	0	0															1	0	0	
Spiny Soft-shelled Turtle	<i>Trionyx spinifera</i>	0	0	1															1	0	0	
Red-eared Terrapin	<i>Pseudemys scripta</i>	0	0	40															0	0	1	
Marsh Terrapin	<i>Pseudemys subrufa</i>	0	0	1														0	0	0	0	
Geographic Terrapin	<i>Chrysemys sp.</i>	0	0	2									0	0	1			0	0	0	0	
SAURIA																						
Northern Green Gecko	<i>Naultinus elegans</i>	0	0	0	5	2	0												5	2	0	
Tokay Gecko	<i>Gekko gekko</i>	7	3	6				0	0	1			1	0	2				6	3	5	
Day Gecko	<i>Phelsuma cepediana</i>	1	1	2									0	1	2	1	0	0	0	0	0	
Round Island Gecko	<i>Phelsuma guentheri</i>	1	2	3				0	0	2			1	1	2				0	1	3	
Leopard Gecko	<i>Eublepharis macularius</i>	2	15	16				0	0	66			0	0	2	0	0	64	2	15	16	
Moorish Gecko	<i>Tarentola mauritanica</i>	1	2	0				0	0	1			0	0	1				1	2	0	
Mexican Beaded Lizard	<i>Heloderma horridum</i>	1	0	1															1	0	1	
Zonure	<i>Cordylus giganteus</i>	0	0	5									0	0	4				0	0	1	
African Chameleon	<i>Chamaeleo africanus</i>	4	2	0									4	2	0				0	0	0	
Flap-neck Chameleon	<i>Chamaeleo dilepis</i>	0	0	6									0	0	6				0	0	0	
Eyed Lizard	<i>Lacerta lepida</i>	2	3	0									0	0	6				0	0	0	
Jungle Runner	<i>Ameiva ameiva</i>	1	3	0	0	3	0						0	4	0				2	3	0	
African Agama	<i>Agama agama</i>	0	0	2	1	3	0						0	1	0				1	2	0	
Big-head Anolis	<i>Anolis cybotes</i>	0	0	7									0	0	6				0	0	1	
Anolis Lizard	<i>Anolis equestris equestris</i>	2	0	0									1	0	0				1	0	0	
Helmeted Lizard	<i>Corytophanes cristatus</i>	0	0	0	0	0	3						0	0	2				0	0	1	
Common Iguana	<i>Iguana iguana</i>	2	2	1	0	0	3						0	2	1	2	0	0	0	0	3	
Rhinoceros Iguana	<i>Cyclura cornuta</i>	3	3	0	0	1	0						1	0	0				3	4	0	
Thailand Water Dragon	<i>Physignathus cocincinus</i>	2	3	0				0	0	2			1	0	0				1	3	2	
Eastern Water Dragon	<i>Physignathus lesuerii</i>	0	1	0															0	1	0	
Sail-fin Lizard	<i>Hydrosaurus abdoiensis</i>	0	0	2	0	0	3						0	0	2				0	0	3	

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REPTILES

		1			2			3			4			5			6			7		
		STOCK			RECEIVED			BORN/H'CH			D.N.S			DEATHS			DISPOSALS			STOCK		
		1/1/1985									30 DAYS			OTHER						31/12/1985		
	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	M	F	Y/?	
American Basilisk	<i>Basiliscus basiliscus</i>	2	3	0	1	4	0						1	1	0				2	6	0	
Plumed Basilisk	<i>Basiliscus plumifrons</i>	0	0	2									0	0	1				0	0	1	
Round Island Skink	<i>Leiolopisma telfairii</i>	1	1	0									0	1	0				1	0	0	
Plated Lizard	<i>Gerrhosaurus major</i>	3	0	0									1	0	0				2	0	0	
West African Skink	<i>Mabuia perrotetii</i>	0	0	0	0	0	12						0	0	10				0	0	2	
Shingleback Lizard	<i>Trachydosaurus rufosus</i>	0	0	3									0	0	1				0	0	2	
New Guinea Blue-tongued Skink	<i>Tiliqua sicae</i>	7	3	5			0	0	4							4	0	9	3	3	0	
Prehensile-tailed Skink	<i>Corucia zebrata</i>	1	1	2			0	0	2										1	1	4	
Green Tree Monitor	<i>Varanus prasinus</i>	0	1	0															0	1	0	
Savannah Monitor	<i>Varanus exanthematicus</i>	0	0	10									0	0	5				0	0	5	
Salvator Monitor	<i>Varanus salvator</i>	2	0	0	0	1	0						1	0	0				1	1	0	
Nile Monitor	<i>Varanus niloticus</i>	0	0	5									0	0	5				0	0	0	
Glass Snake	<i>Ophisaurus apodus</i>	3	3	0									1	0	0	1	3	0	1	0	0	
Teguexin	<i>Tupiaambia nigropunctatus</i>	1	1	1												1	1	1	0	0	0	
SERPENTES																						
Calabar Python	<i>Calabaria reinhardtii</i>	2	2	0	0	0	3						0	0	3				2	2	0	
D'Alberti's Python	<i>Liasis fuscus albertisii</i>	1	0	0															1	0	0	
Indian Python	<i>Python molurus bivittatus</i>	2	3	0			0	0	10							0	0	10	2	3	0	
Reticulated Python	<i>Python reticulatus</i>	0	0	4												0	0	4	0	0	0	
Royal Python	<i>Python regius</i>	0	0	30	1	1	0	0	0	2	0	0	1	0	0	7	0	0	23	1	1	
Anaconda	<i>Eunectes murinus</i>	1	1	0									1	1	0				0	0	0	
Boa Constrictor	<i>Constrictor constrictor</i>	4	3	1	4	0	0						2	2	1				6	1	0	
Cuban Boa	<i>Epicrates angulifer</i>	1	1	0															1	1	0	
Jamaican Boa	<i>Epicrates subflavus</i>	1	1	0															1	1	0	
Brazilian Rainbow Boa	<i>Epicrates cenchris</i>	0	0	1									0	0	1				0	0	0	
Pacific Boa	<i>Candoia carinata</i>	1	1	0															1	1	0	
Madagascan Tree Boa	<i>Sanzipia madagascariensis</i>	1	0	0															1	0	0	
Emerald Tree Boa	<i>Corallus caninus</i>	1	1	0	1	1	0						1	1	0				1	1	0	
Cook's Tree Boa	<i>Corallus enhydris</i>	0	0	13									0	0	13				0	0	0	
Garter Snake	<i>Thamnophis sirtalis</i>	0	0	1	0	0	1												1	1	0	
Speckled Kingsnake	<i>Lampropeltis getulus holbrooki</i>	0	0	0	1	1	0												1	1	0	
Californian Mountain King Snake	<i>Lampropeltis zonata</i>	1	1	0															1	1	0	
Texas Indigo Snake	<i>Drymarchon corais erebennus</i>	0	0	0	1	0	0												1	0	0	
Black Rat Snake	<i>Elaphe obsoleta obsoleta</i>	1	0	2	1	0	0						1	0	1				1	1	0	

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FISH

STOCK AS AT 31ST DECEMBER 1985

ACIPENSERIDAE		
Sterlet	<u>Acipenser ruthenus</u>	3
Mississippi Paddlefish	<u>Polyodon spathula</u>	3
OSTEOGLOSSIDAE		
South American Arowana	<u>Osteoglossum bicirrhosum</u>	6
Asiatic Arowana	<u>Scleropages formosus</u>	1
GYMNOTIDAE		
Banded Knife Fish	<u>Gymnotus carapo</u>	1
NOTOPTERIDAE		
African Knife Fish	<u>Xenomystus nigri</u>	20
Clown Knife Fish	<u>Notopterus chitala</u>	1
MORMYRIADAE		
Long-nosed Elephant Trunk Fish	<u>Gnathonermus petersi</u>	4
POLYPTERIDAE		
Birchirs	<u>Polypterus senegalis</u>	5
CHARACIDAE		
Black Widow Tetra	<u>Gymnocorymbus ternetzi</u>	25
Glowlight Tetra	<u>Hemigrammus erythrozonus</u>	20
Neon Tetra	<u>Paracheirodon innesi</u>	3
Lemon Tetra	<u>Hyphessobrycon pulchripinnis</u>	9
	<u>Pyrhulina stoli</u>	12
Bucktoothed Tetra	<u>Exodon paradoxus</u>	1
Emperor Tetra	<u>Nematobrycon palmeri</u>	6
Rosy Tetra	<u>Hyphessobrycon bentosi</u>	3
Blind Cave Fish	<u>Astynax fasciatus mexicanus</u>	25
Cardinal Tetra	<u>Cheirodon axelrodi</u>	36
Red-eyed Characin	<u>Arnoldichthys spilopterus</u>	15
Long-finned Characin	<u>Alestes longipinnis</u>	18
Congo Tetra	<u>Phenacogrammus interruptus</u>	20
Rummy-nosed Tetra	<u>Hemigrammus rhodostomus</u>	31
Bloodfin Tetra	<u>Aphyocharax anisiti</u>	24
Piranha	<u>Serrasalmus gibbus</u>	7
Black Neon Tetra	<u>Hyphessobrycon herbertaxelrodi</u>	9
Bleeding Heart Tetra	<u>Hyphessobrycon rubrostigma</u>	6
X-ray Fish	<u>Pristella riddlei</u>	1
Red Phantom Tetra	<u>Megalampodus sweglesi</u>	1
ANOSTOMIDAE		
Marbled Headstander	<u>Abramites microcephalus</u>	4
Striped Anostomus	<u>Anostomus anostomus</u>	18
Pellegrin's Leporinus	<u>Leporinus pellegrini</u>	5

FISH

STOCK AS AT 31ST DECEMBER 1985

HEMIODONTIDAE

Golden Pencil Fish	<u>Nannostomus_anomalus</u>	3
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GASTERAPELECIDAE

Marbled Hatchetfish	<u>Carnegiella_strigata</u>	1
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CYPRINIDAE

Bream	<u>Abramis_brama</u>	2
Mirror Carp	<u>Cyprinus_carpio</u>	15
Golden Orfe	<u>Idus_idus</u>	11
Golden Rudd	<u>Scardinius_erythrophthalmus</u>	5
Tench	<u>Tinca_tinca</u>	1
Goldfish (various)	<u>Carassius_auratus</u>	24
Koi Carp	<u>Cyprinus_carpio</u>	35
Silver Shark	<u>Balantiochelius_melanopterus</u>	5
Zebra Danio	<u>Brachydanio_rerio</u>	6
Red-tailed Black Shark	<u>Labeo_bicolor</u>	6
Hi-goí Carp	<u>Cyprinus_carpio</u>	6
Rosy Barb	<u>Puntius_conchonius</u>	18
Cummings Barb	<u>Barbus_cumingi</u>	20
Striped Barb	<u>Puntius_lineatus</u>	1
Black Ruby Barb	<u>Puntius_nigrofasciatus</u>	4
Golden Barb	<u>Puntius_sachsi</u>	15
Red-tailed Scissor Tail	<u>Rasbora_caudimaculata</u>	8
Flying Fox	<u>Epalzeorhynchus_kallopterus</u>	4
Elegant Rasbora	<u>Rasbora_lateristriata_elegans</u>	13
Glowlight Rasbora	<u>Rasbora_pauciperforata</u>	7
Red-tailed Rasbora	<u>Rasbora_borapetensis</u>	2
Brilliant Rasbora	<u>Rasbora_einthoveni</u>	2
Rasbora	<u>Rasbora_sp</u>	6
Slim Harliquin Rasbora	<u>Rasbora_hengeli</u>	1
Dwarf Rasbora	<u>Rasbora_maculata</u>	3
Sucking Loach	<u>Gyrinocheilidae_aymonieri</u>	50

COBITIDAE

Skunk Botia	<u>Botia_horae</u>	4
Clown Loach	<u>Botia_macracantha</u>	1

CENTROPOMIDAE

Indian Glassfish	<u>Chandra_ranga</u>	13
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FISH

STOCK AS AT 31ST DECEMBER 1985

CICHLIDAE

Oscar or Marbled Cichlid	<u>Astronotus ocellatus</u>	6
Convict Cichlid	<u>Cichlasoma nigrofasciatum</u>	5
Banded Cichlid (Golden form)	<u>Cichlosoma severum</u>	3
Red Devil Cichlid	<u>Cichlosoma erythroaeum</u>	11
Angel Fish	<u>Pterophyllum scalare</u>	19
Heckel Discus	<u>Symphysodon discus</u>	1
Green Discus	<u>Symphysodon aequifasciata</u>	4
Burton's Mouthbrooder	<u>Haplochromis burtoni</u>	* 40
	<u>Haplochromis venistratus</u>	* 3
Jewel Cichlid	<u>Hemichromis bimaculatus</u>	10
Maria's Tilapia	<u>Tilapia maria</u>	6
Rainbow Cichlid	<u>Herotilapia multispinosa</u>	1
Livingstone's Mbuna	<u>Pseudotropheus livingstoni</u>	* 26
Fire-mouth Cichlid	<u>Cichlasoma meeki</u>	3
Rainbow Cichlid	<u>Pelvicachromis pulcher</u>	6
Frontosa	<u>Cyphotilapia frontosa</u>	9
Jack Dempsey	<u>Cichlasoma octofasciatum</u>	14
	<u>Cichlasoma managuense</u>	3

ELEOTRIDAE

Chameleon Goby	<u>Hyperseletris guntheri</u>	1
Broad-headed Sleeper Goby	<u>Dormitator latifrons</u>	1
African Goby	<u>Eleotris sp</u>	1

ANABANTIDAE

Comb-tailed Paradise Fish	<u>Belontia signata</u>	16
Pearl Gourami	<u>Trichogaster leerii</u>	10
Moonlight Gourami	<u>Trichogaster microlepis</u>	2
Three-spot Gourami	<u>Trichogaster trichopterus</u>	6
Opaline Gourami	<u>Trichogaster trichopterus var</u>	2
Golden Gourami	<u>Trichogaster trichopterus var</u>	7
Chocolate Gourami	<u>Sphaerichthys osphromenoides</u>	12
Tail-spot Climbing Perch	<u>Ctenopoma kingsleyae</u>	2
Leopard Climbing Perch	<u>Ctenopoma acutirostre</u>	3

ATHERINIDAE

Australian Rainbow Fish	<u>Melanotaenia sp</u>	* 8
Celebes Rainbow Fish	<u>Telmatherima ladigesii</u>	6
Australian Rainbow Fish	<u>Melanotaenia maccullochi</u>	* 13

BAGRIDAE

Bumblebee Catfish	<u>Leiocassis poecilopterus</u>	2
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CHACIDAE

Frogmouth Catfish	<u>Chaca chaca</u>	1
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SCHILBEIDAE

Congo Catfish	<u>Etropiella debauwi</u>	1
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FISH

STOCK AS AT 31ST DECEMBER 1985

MOCHOKIDAE

Upside-down Catfish	<u>Synodontis</u> sp	8
Polka-dot Upside-down Catfish	<u>Synodontis_angelicus</u>	2
Upside-down Catfish	<u>Synodontis_nigriventis</u>	8

PIMELODIDAE

Catfish	<u>Pimelodus_pictus</u>	4
Shovel-nosed Catfish	<u>Sorubim_lima</u>	3

MALAPTERURIDAE

Electric Catfish	<u>Malapterus_electricus</u>	1
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CALLICHTHYIDAE

Bronze Catfish	<u>Corydoras_aeneus</u>	16
Albino Bronze Catfish	<u>Corydoras_aeneus</u>	1
Peppered Catfish	<u>Corydoras_paleatus</u>	10
Porthole Catfish	<u>Dianema_longibaris</u>	1
	<u>Corydoras_metae</u>	1
Arched Corydoras	<u>Corydoras_arcuatus</u>	4
	<u>Corydoras_bondi</u>	4

LORICASIIDAE

Plecostomus Catfish	<u>Hypostomus_plecstomus</u>	30
Bristle-nosed Plecostomus	<u>Xenocara</u> sp	8
Clown Plecostomus	<u>Peckoltia</u> sp	30
Royal Plecostomus	<u>Panaque_nigrolinatus</u>	1

CYPRINODONTIDAE

Guppy	<u>Poecilia_reticulata</u>	150
Tuxedo Swordtail	<u>Xiphophorus_helleri</u>	50
Green Swordtail	<u>Xiphophorus_helleri</u>	200
Red Wagtail Platy	<u>Xiphophorus_maculatus</u>	100

GOODEIDAE

Butterfly Goodied	<u>Ameca_splendens</u>	125
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DORADIDAE

Talking Catfish	<u>Doras_hancocki</u>	1
Spotted Talking Catfish	<u>Agamyxis_pectinifrons</u>	2
Striped Talking Catfish	<u>Platydoras_costatus</u>	2
Driftwood Catfish	<u>Auchenipterichthys_thoracactus</u>	20
Two-spot Catfish	<u>Mystus_micracanthus</u>	2

FISH

STOCK AS AT 31ST DECEMBER 1985

MONODACTYLIDAE		
Finger Fish	<u>Monodactulus argenteus</u>	3
POTAMOTRYGONIDAE		
Fresh-water Stingray	<u>Potamotrygon</u> sp	11
DIPNOI		
African Lung Fish	<u>Protopterus annectens</u>	1
South American Lung Fish	<u>Lepidosiren paradoxa</u>	1
HEMIRAMPHIDAE		
Celebes Halfbeak	<u>Nomorhamphus celebensis</u>	45
Halfbeak	<u>Dermogenys pusillus</u>	2
Halfbeak	<u>Dermogenys</u> sp	40
OPHICHTHYDAE		
Black Spotted Snake Eel	<u>Myrichthys</u> sp	1
MURAENIDAE		
Snowflake Moray Eel	<u>Echidna nebulosa</u>	1
POMACENTRIDAE		
Common Clown Fish	<u>Amphiprion ocellaris</u>	3
Tomato Clown Fish	<u>Amphiprion frenatus</u>	4
Saddle Clown Fish	<u>Amphiprion polymnus</u>	1
Yellow-tailed Blue Damsel Fish	<u>Pomacentrus melanochir</u>	1
Fire Clown Fish	<u>Amphiprion ephippium</u>	2
Surge Damsel Fish	<u>Glyphidodontops eucopomus</u>	1
Black-tailed Humbug Damsel Fish	<u>Dasyellus melanurus</u>	1
Yellow-tailed Blue Damsel Fish	<u>Abudedef cyaneus</u>	2
DIODONTIDAE		
Spiny Puffer Fish	<u>Chilomycterus antennatus</u>	1
ACANTHURIDAE		
Regal Tang	<u>Paracanthurus hepatus</u>	1
Clown Surgeon Fish	<u>Acanthurus lineatus</u>	1
Yellow Tang	<u>Zebrasoma flavescens</u>	1
Sailfin Tang	<u>Zebrasoma vexiliferum</u>	1
Chevron Tang	<u>Ctenochaetus hawaiiensis</u>	1
Achilles Tang	<u>Acanthurus achilles</u>	1
Moorish Idol	<u>Zanclus canescens</u>	1

FISH

STOCK AS AT 31ST DECEMBER 1985

CIRRHITIDAE

Long Nosed Hawkfish	<u>Oxycirrhites typus</u>	1
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CALLIONYDAE

Psychedelic Fish	<u>Synchiropus picturatus</u>	1
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POMACANTHIDAE

African Flame-backed Angel Fish	<u>Centropyge acanthops</u>	1
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CHAETODONTIDAE

Copperband Butterfly Fish	<u>Chelmon rostratus</u>	1
Pearscale Butterfly Fish	<u>Chaetodon chrysurus</u>	1

SCORPAENIDAE

Scorpion Fish	<u>Pterios volitans</u>	1
Sea Scorpion Fish	<u>Cottus scorpius</u>	1

BLENNIIDAE

Shanny	<u>Blenius pholis</u>	6
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 Number of Species = 156

 Number of Specimen = c 1772

▪ Indicates species bred in the Society's collection

INVERTEBRATES

STOCK AS AT 31ST DECEMBER 1985

COELENTERATES

Beadlet Anemone	<u>Actina equina</u>	aq	25
Sea Anemone	<u>Stoichactis</u> sp.	aq	1
Sea Anemone	<u>Radianthus malu</u>	aq	3
Plumose Anemone	<u>Metridium senile</u>	aq	2

CRUSTACEANS

Banded Coral Shrimp	<u>Stenopus hispidus</u>	aq	2
Cleaner Shrimp	<u>Lysmata grabhami</u>	aq	2
Hermit Crabs	<u>Coenobita</u> sp.		8

INSECTS

Desert Locusts	<u>Schistocerca gregaria</u>	▪	20
House Crickets	<u>Acheta domesticus</u>	▪	200
Macleays Spectres	<u>Extatasoma tiaratum</u>	▪	6
Spiny Sticks	<u>Eurycantha calcarata</u>	▪	20
Ordinary Sticks	<u>Baculum</u> sp.	▪	50
Praying Mantis	<u>Sphodromantia centralis</u>		2
Hissing Cockroaches	<u>Gromphadorhina portentosa</u>		17
Tropical Beetles	<u>Pachnoda marginata</u>	▪	18

ARACHNIDS

Emperor (Imperial) Scorpions	<u>Pandinus imperator</u>		3
Haitian Tarantula	<u>Eurypelma mesomelas</u>		3
Red-kneed Tarantula	<u>Brachypelma smithii</u>		6
Pink-Toed Tarantula	<u>Avicularia avicularia</u>		1
Bird-eating Spider	<u>Xenesthis monetruosa</u>		1
do	<u>Acanthoscurria</u> sp.		1
do	<u>Melopacus albostratus</u>		1

MOLLUSCS

African Land-Snails	<u>Achatina julica</u>	▪	30
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ECHINODERMS

Common Star Fish	<u>Asterias rubens</u>	aq	3
Red Sea Star Fish	<u>Protoreaster lincki</u>	aq	1
Common Sea Urchin		aq	4

c. 430

▪ indicates species bred in the Society's collection in 1985
 aq indicates species kept by the Aquarium