



WINTER 1991



Chester
ZOO
Life

NOTICE BOARD

MEMBERS' MEETINGS 1991/92

7 December 1991

Members' Christmas lunch in Oakfield Restaurant at 12 noon, followed by Mr H. W. Schofield's talk, entitled "Bats - Living on the Brink." Talk starts at 2.30 pm in lecture hall.

11 January 1992 2.30 pm

in the lecture hall. Mr Eric Bird; "Wild Africa" - the people and birds of Northern Africa.

15 February 1992 2.30 pm

in the lecture hall. Professor E. D. Morgan - "A world of sex and violence" - a chemist's view of insects!

14 March 1992 2.30 pm

in the lecture hall. Birkenhead International Slide Salon - "The world's best natural history slides." Commentary by well-known nature photographer Mike McNamee

Also in March - President's Evening (Date to be arranged)

11 April 1992 2.30 pm

in lecture hall. "A Zoo Review" by the Director, Dr. M. R. Brambell.

9 May 1992 2.30 pm

in lecture hall. Annual General Meeting. Members are reminded that a charge of 50p per meeting will be made at the door to offset expenses for bringing speakers and towards the cost of maintaining the meeting rooms. Tea and biscuits will be available at no extra cost.

ADOPTA DAY QUIZ WINNERS

(5th and 6th October '91)

The first all-correct answers drawn were from St. Andrew's Beaver Colony, Crewe, (Mississippi Alligator adopters) and Rebecca Allen of the Brow C. P. School (Porcupine adopters). The winners have received zoo vouchers.

Membership Subscriptions

A polite reminder that subscriptions for 1992 are due on 1 January next! The subscription rates are:

Annual: under the age of 65 - £20.00 p.a.
Aged 65 and over - £15.00 p.a.
Joint: both under the age of 65 - £36.00 p.a.
One under the age of 65 - £32.00 p.a.
Junior: £7.00 p.a.

A special plea from Adoption Secretary, Maureen Allsopp: Many members pay by standing order, and a lot of these orders haven't been amended since the last change in subscription rates. This means a lot more time and expense is incurred in contacting members. Please make sure your banker's order is for the right amount.

BOOKSHELF

"Wild Cat Species of the World" By Richard Green; Basset Publications; UK Price £12.50, including postage Overseas £15.00, including airmail. This would make a super gift for any cat lover, and it is of special interest to all Chester Zoo members and adopters, because the author Rick Green, is one of the zoo's cat house keepers. After a brief introduction on cat biology, the book devotes a chapter to each species, recording their biological data under a number of headings. All of the currently known sub-species are listed, together with their ISIS classification numbers and respective ranges. This book will be of interest to both the amateur who likes cats, and the professional who works with or studies them. There are a number of colour pictures - many of them taken in Chester Zoo -, showing both well known species, and some of the lesser known ones. The book is on sale in the zoo shop and Rick Green will be happy to sign copies.

"Last Animals at the Zoo" By Colin Tudge Published by Hutchinson Radius. £16.99.

"Global Ecology" By Colin Tudge Published by The Natural History Museum.

Dr Brambell writes: I am not reviewing Colin Tudge's latest book, "The Last Animals in the Zoo" in the traditional sense. I think such reviews can be heavy going and out of place in a members' magazine such as this. What I am doing is recommend you read it. Colin Tudge is a scientific journalist of national, indeed international repute, whose articles

Members' Concessionary Tickets

One of the benefits of membership is the opportunity to buy tickets for family and friends at half price. Each annual member may purchase up to 20 of these tickets each year, but they must be purchased through the membership office - they are not on sale at the gate. The tickets are sold in blocks of five for £12.50, i.e. £2.50 each, and each ticket admits one adult or two children/O.A.Ps. Cheque should be made payable to Chester Zoo, and, for postal applications, please enclose a s.a.e.

frequently appear in the national press and he is also a frequent broadcaster.

His has been the thinking and effort behind our new generation of interpretation panels in the elephant and rhino houses - and watch out for the aquarium. Earlier this year he produced for the Natural History Museum the paperback "Global Ecology," and now his latest book, "The Last Animals in the Zoo" has appeared.

The two books are very different in their layout. "Global Ecology" is lavishly illustrated; "Last Animals in the Zoo" has no pictures. "Global Ecology" is interspersed with anecdotal panels explaining such things as acid rain, what species are, and so forth. "Last Animals in the Zoo" is a straight forward argument about what is happening to species and about why we should conserve them, and what the zoo community can do about it. At first sight, a daunting read, but once you start reading, you are carried along by the well argued, easily read text. All the arguments for and against zoo involvement in conservation are brought out into the open, analysed and pronounced upon.

The book is a must for all who, like me, believe in our bones that zoos have an essential part to play and are being continually needed by those who think the wild is perfect and safe from the ultimate threat; and if you want the pictures, "Global Ecology" is a jolly good buy too!





A Plaque for Philip

Philip Gallup, the inspired gardener responsible for the initial planning, design and planting of Chester Zoo's famous gardens, died just over a year ago, and a tribute to him, written by Walter Worth, was included in a previous issue of Zoo Life.

In August, Philip's widow, Evelyn, unveiled a plaque to his memory, set in the rose gardens that were originally planted by her husband. The photograph shows Mrs Gallup with the Zoo's Director, Dr Michael Brambell.

Evening "Perambulations"

Spring and Summer time evenings are lovely times to see the zoo. The visitors have all gone home, but many of the animals are still active in their enclosures. A new venture, starting next Spring, gives groups and organisations the opportunity of spending an evening in the gardens, when there are no other visitors. These "perambulations" will be hosted by a guide, who will accompany the group on a stroll around the grounds, talking about the animals, and will include light refreshments in the marquee. The evening starts at 7 - 7.30pm, and takes about two hours.

Bookings need to be made at least four weeks in advance, through the education department, and the cost will be £4.50 per head.

Bargain Spring Breaks for Zoo Members and Adopters

The Resort Hotels group have made a very generous offer to all Chester Zoo's members, adopters, volunteers and staff. Choose any one of the 38 hotels in the group, and the concession price is just £25 per person, bed and breakfast, any day of the week, up to 31st March 1992. The offer does not apply between 15 December and 5 January. Children under 14 years are free if sharing parents bedroom, and are charged only for their food and beverage.

One of the hotels included in the scheme is the Marwell Resort Hotel, which is set in the grounds of Marwell Zoo, near Winchester in Hampshire. It's a lovely hotel, with its own indoor swimming pool and health and leisure club.

For a brochure listing all the hotels in the scheme, ring 0488 58679. To take advantage of the special rate, bookings should be made at this central bookings number: 0962 777681, and mention Chester Zoo when you ring.

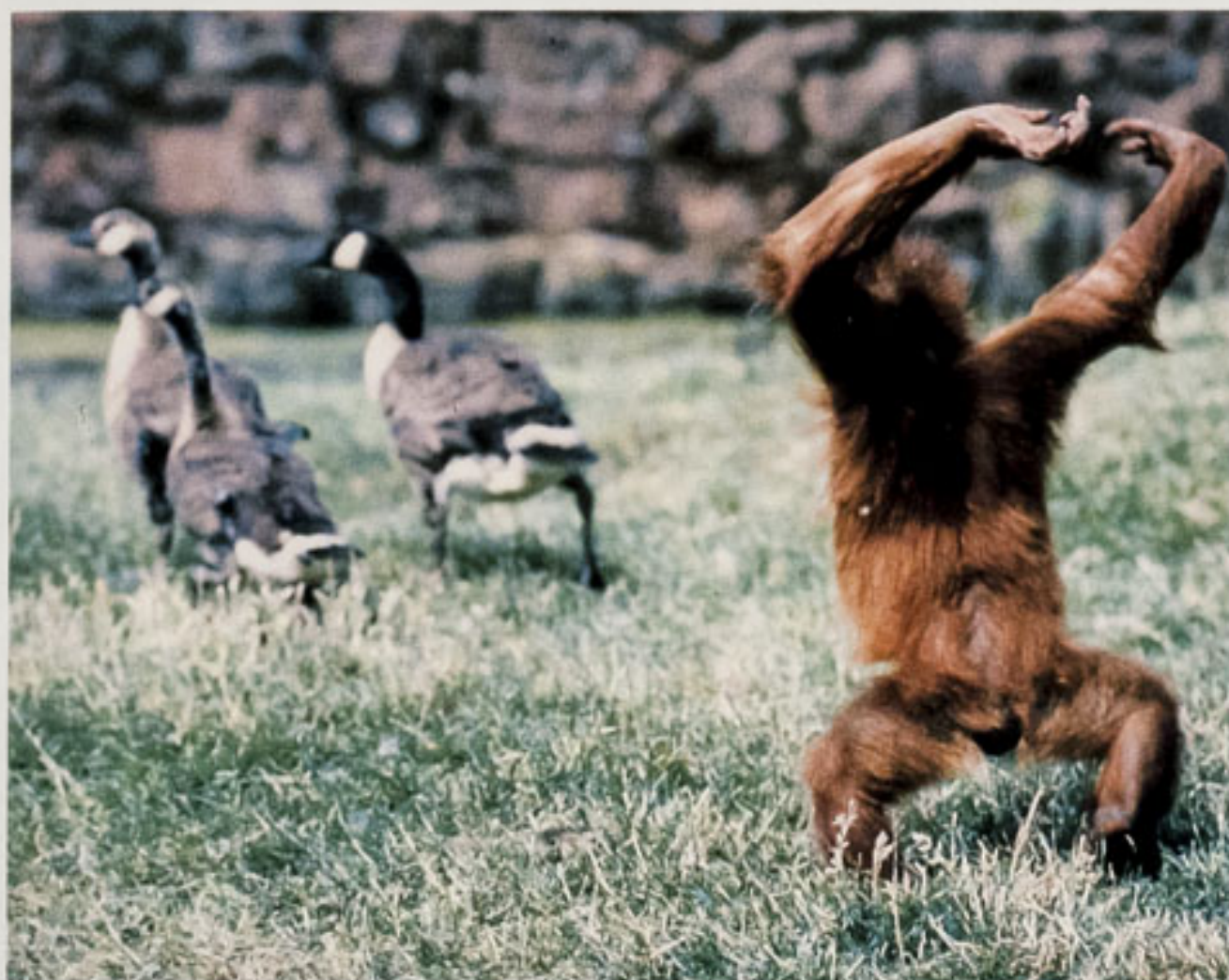
You know what Sailors are!

Now they can be girls too! Now that Wrens can go to sea, they take part in all the duties their male colleagues have to undertake. And if your ship is HMS Broadsword, the frigate adopted by Chester City, that means when in port at Birkenhead, you join the official visit to Chester Zoo!

The ship has adopted the zoo's

chimpanzees, but the highlight of the visit for these two wrens, was meeting Emma, the baby Black Rhinoceros, born in the zoo last February. Wren Paula Bennet, left, who comes from Ripley, Derbyshire, and Wren Kerri Smiley, from Peterborough, found Emma enchanting!





Boo to a Goose!

This photograph is dedicated to Head Gardener Eric Rudman and his team! The gardening staff are not exactly fans of the destructive Canada Geese who visit the zoo every year. They have

been known to strip thousands of plants within hours of planting. And from this photograph taken by Anthony Heywood, the young orang utans feel much the same way!



CYGNET TWINS

Curator of Birds, Dr. Roger Wilkinson, took this beautiful photograph of the Black-necked Swan, proudly introducing her first offspring to visitors.

Peter Wait Retires



Zoo staff joined the Director to wish Senior Curator Peter Wait a long and happy retirement. Peter had worked in the zoo for over 23 years. The photograph shows Peter, with his wife Maveen, accepting a gift of a satellite dish television system from Dr. Brambell.

Last Minute Christmas Presents

Tickets to the zoo and animal adoptions make super Christmas presents. Ring Maureen in the Membership/Adoptions Office. She promises "by-return" service!

Santa's Grotto

Father Christmas will be back again this year, in his familiar grotto under the elephant bridge. He will be at home to visitors Saturdays and Sundays, 7 & 8th, 14 & 15th and 21 & 22nd December, and on 23 and 24th December. The grotto opens at 12 noon, and there is no additional charge to call in for a chat. Optional gifts are £1.00

- and Luxury ...

The judging for the 1991 Photographic Competition will take place shortly, and the winners will have a extra-special Christmas, looking forward to their fantastic prizes.

Last year's Chester Zoo Photographer of the Year was Geoff Mansell, and his wife Angela was also a prize winner. They took their prize holiday to South Africa, courtesy of Kuoni and South African Airways, in October, and this is an account of the trip, together with just a few of the hundreds of photographs taken during the two weeks.

As part from all the superlatives, the word "privilege" sums up our visit to South Africa. Dr Brambell kindly gave us letters of introduction to Johannesburg and Pretoria Zoos. The Assistant Director at Jo'burg, Quinton Coetzee, and his secretary Mrs Van Rensburg, welcomed us very warmly and in fact we spent two days at the zoo. We had a special photocall with Jessie, their white lion cub. She was brought to us, and we played for thirty wonderful minutes!

We were very impressed with the layout of the enclosures and animal houses - a great deal of thought and design has gone into presentation. Our impression was of a very happy and relaxed place; all the residents looked peaceful and contented. There were VERY few "old style" enclosures - much use has been made of ha-ha and of moats. Two original houses dating from 1904 remain, and visitors are bidden to go inside, turn round, and look out . . . The gardens were beautiful; wide shady avenues with an amazing mixture of dramatic tropical plants and beds of pansies and stocks.

Pretoria, on the other hand, was much more traditional, with many houses and enclosures showing their early origins. Some of the animals were remarkable - like the white lion we christened "Aslan" after C.S.Lewis, and the white tiger. Although pleasant and interesting to visit, it did not to us feel

as happy a place as Johannesburg.

In the wild - out come all the superlatives, and another word to go with privilege - peace. We saw the "Big Five" named as the most dangerous by hunters at least twice during our stay at Mala Mala. Lion, leopard, rhino, buffalo and elephant are indeed impressive.

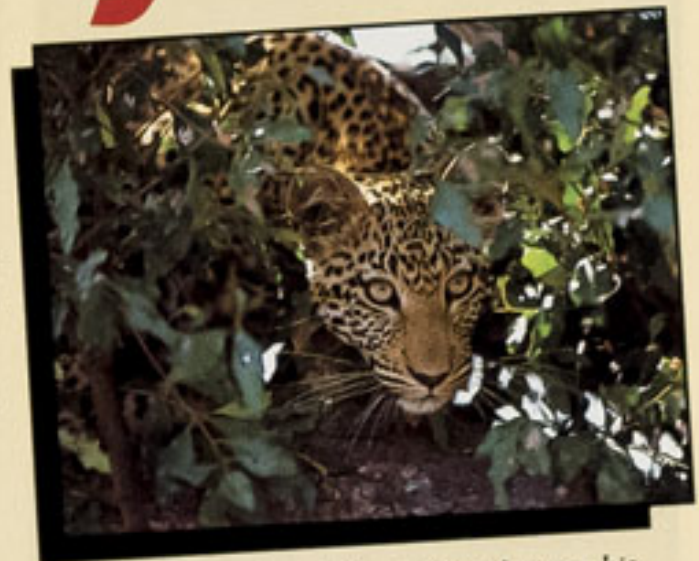
We were given the accolade of seeing a King cheetah - apparently there are only four within some 80,000 acres, and there is a breeding programme under way near Pretoria where presently there are 11 animals.

Having encountered rhino and elephant at close quarters, driving along we were suddenly aware we were in the herd of some 300 Cape buffalo, munching their way quietly through supper. Red ox-pepper birds were in attendance on these magnificent creatures.

All the animals we saw, whatever their size or species, went peacefully about their business and never appeared to be under stress or threat. We, in turn, felt great respect for them and never did we feel threatened by their superior strength or size. Except once - when on a walking safari we came within yards of a lone buffalo .. but that's another story! We had several sightings of leopard; rare and elusive, their camouflage is superb, so that even at very close quarters you have to look hard.

The clarity of the light is a gift to any photographer, and we are sure that our very best work has emerged from this holiday. Copies of the Chester Zoo competition winning photograph have been asked for by the camp, by our ranger, and by two American fellow-guests from New York AND Johannesburg Zoo. They also want copies of what we regard as our best from South Africa!

Our deep appreciation goes to everyone involved with the planning and sponsorship of the holiday; we travelled well, ate royally, and perhaps should give the last word to Shakespeare - it was all "such stuff as dreams are made on."



◆ Elusive leopard: Geoff considers this one his best ever shot.



◆ A very handsome animal - the Cape Buffalo.



◆ Elegant giraffe - the perfect photographer's model.

◆ Far left - Angela has resisted calling this "Zebra Crossing" - she has titled it "Chorus Line!"

◆ Inset - What a thrill - to be so close to a wild African elephant.



◆ This shot of Peter with Granada's Bob Grieves, was taken just before the famous incident, repeated endlessly on programmes like "It'll Be All Right on the Night" - when Sheba gave Bob a very indelicate nudge with her trunk!

Senior Curator, Peter Wait, retired this Autumn, after 23 years at Chester Zoo, and here he recalls some of the outstanding memories of those years. Peter is also a talented photographer, and some of his favourite shots are shown on these pages.



◆ The Arabian Gazelle featured on the zoo's logo for many years. This youngster was hand-reared by Peter.

Highlights of a Zoo Career

The saying that the more you enjoy life, the quicker it goes, certainly seems true in my case. It does not seem like 23 years since I came to Chester as a newcomer to the world of zoos. The time has passed so quickly, it is difficult to believe that the time has come to start another career - that of Senior Citizen.

Having visited the zoo on numerous occasions prior to 1968, I had thought that it would be rather a nice place to work in, though I had no thoughts of doing so. I was at the time Farms Manager on quite a large enterprise, and when my employer died I wrote to Mr Mottershead who agreed to take me on as a section officer. After a lifetime of caring for domestic stock, with some exotics, the move to looking after exotic stock, with some domestics, appealed to me, and seemed like a natural progression!

The change from an agricultural career did, however, cause a few raised eyebrows in my farming family. I have never regretted the move, and will

always remember my years in the zoo and the many friends I have made - not just from around Chester, but from all over the world. With over 20 million visitors through the gates in that time, the opportunity to make friends has not been difficult.

I have seen a number of new houses built for parrots, oranges, penguins and, more recently, chimpanzees, and a number of paddocks developed on the west side of the zoo. This area is probably not appreciated as much as it could be by the visitor. The roads are usually quiet even on a busy day, and it is one of my favourite places, especially on a Summer evening.

There are many memories, including the births of three elephants; one in 1974, which did not survive, Jubilee in 1977, and the hybrid in 1978. These were the highlights.

Jubilee was a special event. He was the first elephant reared in a British zoo. I will never forget "Mottie", the only hybrid elephant ever born. In some ways, I would have liked to have

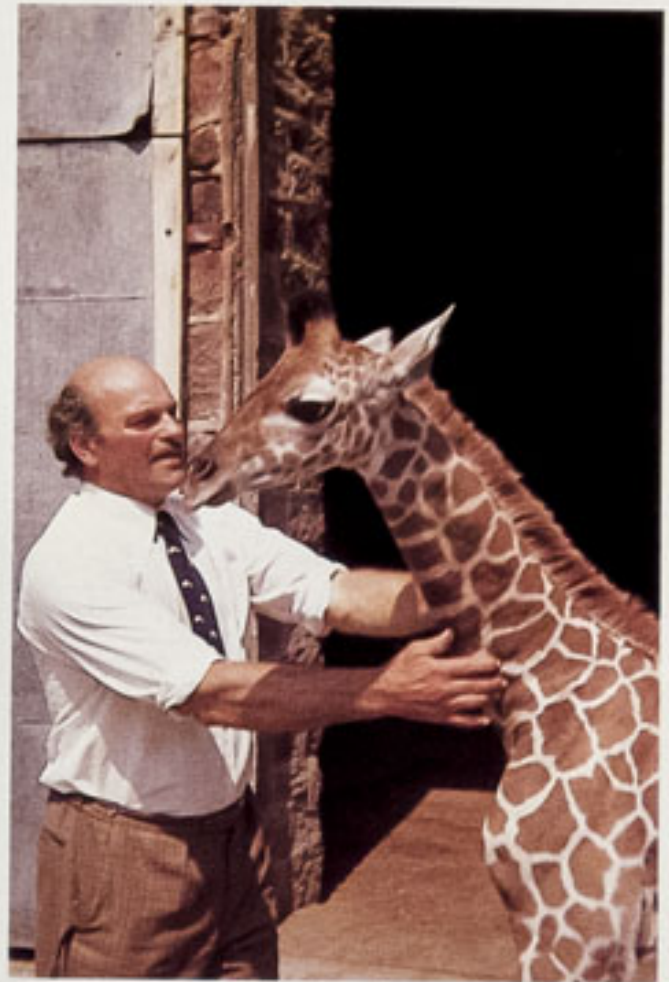
◆ These beautiful puma cubs were just two of the hundreds of animals hand-reared by Peter and his wife, Maveen.





◆ Left - Judy and Sheba introduce Jubilee, just one year old, to little Mottie, the hybrid elephant born in 1978. Sadly, Mottie lived for only a few days.

◆ Below - Bertie, a young giraffe, with Peter, in 1975.



seen him grow up, but it was probably best for him to go early. He could only have been of curiosity value and unable to lead the life an elephant should have.

I well remember Boris, the chimpanzee coming in 1969, and the two youngsters Wilson and Nicky, born here in 1968 and 69. They regularly pulled my hair - maybe one of the reasons I don't have so much left! I still miss an old favourite, Babs, who died recently after spending 40 years in the zoo.

I also miss the gorillas, but the males Jason and Mukisi must be better off with their own kind - especially Mukisi, who is now at Antwerp. Our publicity department would also have a job dreaming up a story like the gorilla "Noelle's" phantom pregnancy, which kept the press on the doorstep for three months waiting for a birth that did not materialise.

There was the "One by One" television series, much of which was filmed in the zoo; the beaver who swam down the Shropshire Union canal to Ellesmere Port, and thought a rare Chinese junk tasted as good as a willow tree; the capybara that escaped and made a temporary home in a culvert under the motorway - a local who saw

it thought it was an otter, and failed to tell us about it; and the prairie marmot who dug a hole in the centre of a sports field in Ellesmere Port.

I will miss the collecting trips - but not the trials of getting through customs and the endless necessary (?) forms. The memory still lingers, when bringing Polar Bears from Copenhagen, of the ferry captain who said, "He's not bringing them on my ship!" On reassuring him they were safely crated, he proceeded to treat us as something special.

Apparently, the previous week a circus had allowed tigers to escape in the lower deck. And there was the French Customs Officer, met on two occasions, who smelt so strongly of garlic that two bears and binturong would have made better company.

I am fortunate in having a wife who also likes animals, and allowed me to take my work home in the shape of abandoned babies of different species, and who has spent many hours caring for them.

Our many photographs constantly remind us of tiger, tapir, puma, porcupine and gazelle, to mention just a few of those who spent their early lives in our front room. I must not forget Pancho the viscacha

who, when roused, sounded rather like a faulty transistor radio, and went everywhere at full gallop. I often wish that I had had a video camera then, to record their activities.

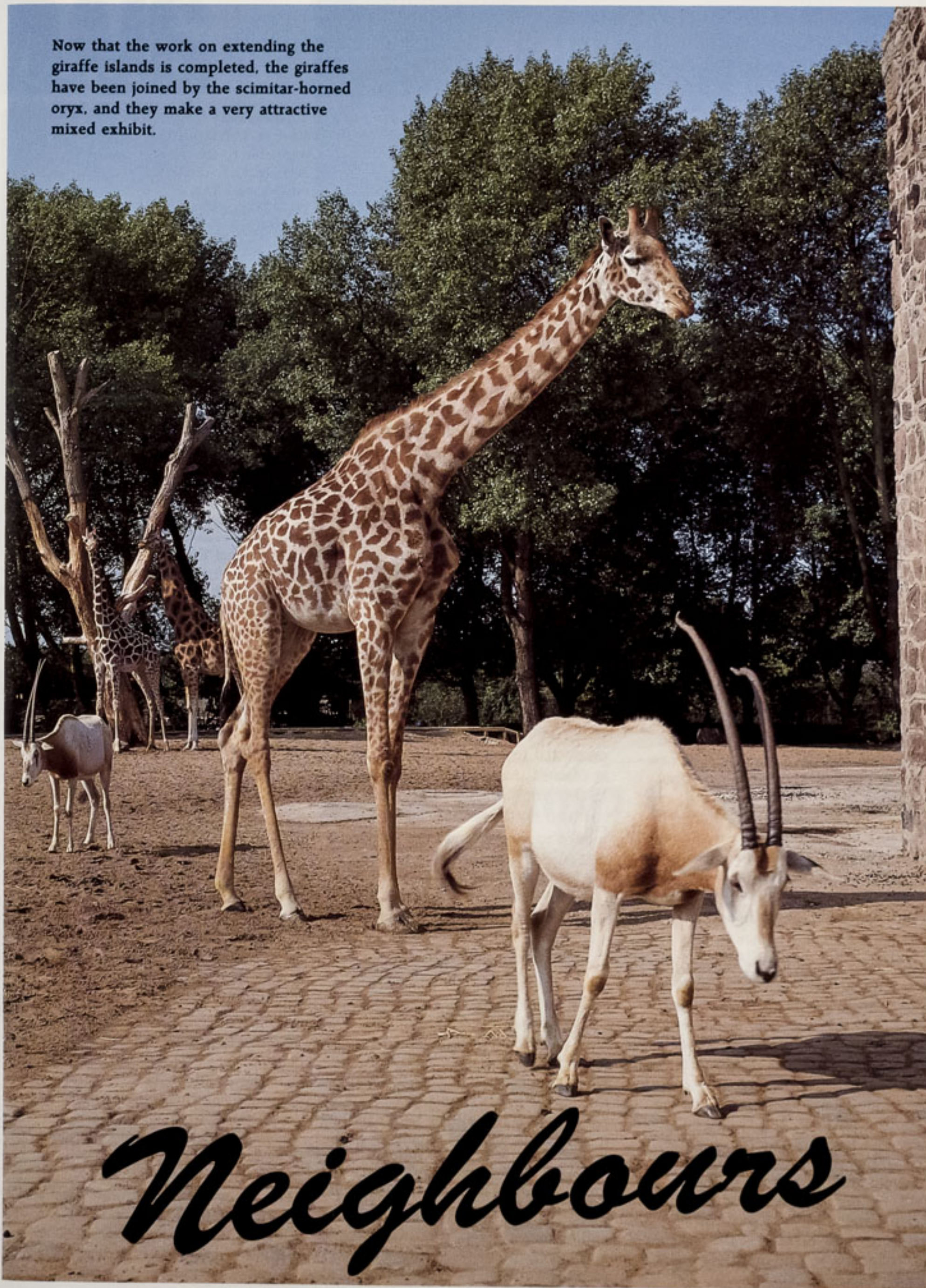
I was also fortunate to be involved in the zoo world during the dramatic changes that have taken place in the way that zoos are run. Stock was once bought through dealers and usually remained in one place for the rest of their lives.

To-day, co-operation between zoos means the welfare of the animals comes first, and they are placed for the betterment of the species.

I believe good zoos do have a place in this world, and will play a valuable role in maintaining endangered species for future generations to see, enjoy and marvel at, despite the continuing disappearance of natural habitats.

Yes, I will miss the life I have followed for almost a quarter of a century, and I'm grateful to all my colleagues who have made the time so memorable and for the support they have given over the years. I will miss them too. I am, however, in the happy position of living close enough to be able to visit Britain's best zoo on a regular basis, as long as my legs last out!

Now that the work on extending the giraffe islands is completed, the giraffes have been joined by the scimitar-horned oryx, and they make a very attractive mixed exhibit.



Neighbours



◆ Photograph courtesy of Henry Schofield, the Vincent Wildlife Trust

Junior Members' Meetings

THE CHRISTMAS PARTY AT THE ZOO Saturday 14th December 1991

Once again we will have our annual Christmas party in the Jubilee, where the disco's volume does not disturb the animals! Everyone is welcome to come along and enjoy the music and games, and join in with the hamburger/hot dog supper.

Juniors should arrive at the Staff Entrance at 7.00 pm, and parents may walk you over to the Jubilee. Collection should be arranged for 10.00 pm.

THE CONTACT SESSION AT THE ZOO Saturday 18th January 1992

It was unthinkable to leave this event, one of our most popular days every year, out of the calendar this year so we will meet again to get to know some of the friendlier residents of the Zoo a little better. Regular stars include the Rhino Iguana, Tarantulas, Snakes, Lizards, Wallabies, and Ducks, but there may be a few surprises too.

We will meet outside the Oakfield at 2.00 pm, and walk down to the Lecture Hall. Juniors may drift away from the Lecture Hall after 3.15 pm, but everyone must be back at the Oakfield for collection at 4.00 pm. Over eights are welcome.

QUESTION TIME AT THE ZOO Saturday 22nd February 1992

An opportunity to ask any questions you may have about your own Zoo, or just to tag-along if you would rather. We will have a conducted tour around the collection at Chester and you will be able to pick up lots of information and tips about our own residents. Over eights are invited to meet outside the Oakfield at 2.00 pm, and we will return there for 4.30 pm. Dress warmly!

TRACKS & SIGNS - AT THE ZOO Saturday 21st March 1992

Another of our very popular events, when Juniors hunt through enclosures to find footprints from which to take plaster casts. It is all the better for us if it has been a wet and muddy week, but it does mean that old clothes and wellies are essential items to wear. We will meet outside the Oakfield at 11.00 am, and meet back there at the end of the day at 4.00 pm. Over eights are invited to join-in and do remember to bring a packed lunch.

JUN NEWS

Those lucky Juniors who were not away on holiday on the 24th August, were able to come along to our 'Bat' evening. Our annual Juniors' Barbeque event took a new turn this year when The Ramshackle Theatre Company visited the Zoo and performed their fascinating and amusing play about bat conservation, in the open-air on the Jubilee lawn. The weather was excellent, and after the play everyone tucked into their barbecued supper before taking part in the 'Bat Workshop' when youngsters were encouraged to meet several real live bats of a couple of species, before being split up into groups, led by the actors, for the creative sessions making bat momentos, models of rainforests and learning conservation games. (Picture left)

SHUGBOROUGH PARK FARM STAFFORD Saturday 25th April 1992

A new visit this year to the excellent centre for rare domestic breeds such as Longhorn Cattle, Bagot Goats, Leicester Longwool Sheep, Tamworth and Gloucester Old Spot Pigs. We will also see demonstrations of traditional farm crafts, including butter and cheese making, farmhouse cookery and spinning. The Shire Horses can be seen at work, and there is a Noah's Ark touch area for the smaller animals. The restored corn mill and waterwheel complete the picture of a working estate farm of the pre-Victorian era. The bus will leave the Staff Car Park at 9.00 am, returning around 5.00 pm. Over eights are invited along and a picnic lunch will be needed. I suggest you bring wellies with you separately as you may not need to wear them, but just in case

THE CHESTNUT CENTRE DERBYSHIRE Saturday 16th May 1992

We had such a wonderful day when we visited the Chestnut Centre in 1991 that we could not resist planning to re-visit again this year. An excellent opportunity to see Otters, Badgers, Owls and other birds of prey, set in the spectacular scenery of the Derbyshire countryside. The bus will leave the Staff Car Park at 9.30 am, returning around 5.00 pm. Come equipped for the outdoors in May, and bring a picnic. Over eights are welcome.



ANGLESEY SEA ZOO AND LLANDWYN ISLAND Saturday 13th June 1992

Now for something completely different - this will be a long summer's day trip to see the Sea Zoo on Anglesey and to visit Newborough Forest and the sand dunes of Llandwyn Island.

An early start for this one, with the bus setting off from the Staff Car Park at 8.00 am and returning around 6.00 pm. A large picnic lunch to keep you going all day should be brought along. Over tens invited.

DAY HELPING A KEEPER Saturday 18th July 1992

The most-looked-forward-to event of the year, when Juniors are invited to spend a day working alongside one of the Keepers. As the work involved is quite strenuous, we have to limit this event to the over twelves only. You will need a packed lunch, and you must wear wellies.

We will meet outside the Oakfield at 10.30 am, and the day will finish for the Juniors at 4.00 pm.

PLEASE NOTE

Bookings must be made for all events. Please ring Penny at the Zoo not more than two weeks before any event if you would like to attend. Places may be limited. For those trips which involve either a bus trip, or the provision of food or materials, a charge will be made to cover basic costs. This list is provisional, and in exceptional circumstances, we may have to alter the dates and times of some of the trips. You will not be informed of such changes individually, so keep an eye on the magazine, each quarter, to check that you are up-to-date with Junior Members' News. Penny Rudd - Junior Members' Club Leader.



DOWN ON THE FARM!

◆ Junior members pictured on a trip to Tatton Park in October.



Be a Chimp Champion

We have been asked by the Jane Goodall Institute to mention their new group for youngsters particularly interested in Chimpanzees, and it seems like such a good idea, that here goes ... an extract from their first newsletter:

'As you know, the Jane Goodall Institute (UK) is working hard to save Chimpanzees from extinction, and to improve the conditions in which Chimps are held in captivity. Jane decided that it is time to invite all young people who want to help the chimps to become members of a special group she has named 'ROOTS AND SHOOTS'. It will be an international group, with children and student members exchanging ideas from all over the world. Why 'Roots and Shoots'? Because young people are the fertile ground in which good seeds are

planted. The seeds grow, the roots spread, secretly, quietly.

They reach out into every nook and cranny. And the shoots, green and tender, are yet strong enough to break a slab of concrete. And never forget that the young people of today - the strong green shoots - are the future guardians of our environment. And that every one of you, however young, can begin to find ways of helping to save the plants, the trees, and the animals of our beautiful planet.'

If you would like to know more about becoming a member of the Roots and Shoots group, and find out how you can help the cause of the chimpanzees, you should write to: Andrea Jones, Crow Hill Top, Ringwood, Hants.

Arrivals Births and Hatchings

AUGUST, SEPTEMBER, OCTOBER 1991

MAMMALS

Rodrigues Island			
Fruit Bat	<i>Pteropus rodricensis</i>	1.0	born (DNS)
Common Marmoset	<i>Callithrix jacchus</i>	1.1	loan
White-lipped Tamarin	<i>Saguinus labiatus</i>	0.0.3	born
Celebes Macaque	<i>Macaca niger</i>	1.0	born
Chimpanzee	<i>Pan troglodytes</i>	0.1	born
Capybara	<i>Hydrochoerus hydrochaeris</i>	0.0.3	born (1 NS)
Small-clawed Otter	<i>Aonyx cinerea</i>	0.1	loan
Asian Elephant	<i>Elephas maximus</i>	0.1	loan
Common Zebra	<i>Equus burchelli bohmi</i>	1.2	born
Persian Onager	<i>Equus hemionus onager</i>	1.0	exchange
South American Tapir	<i>Tapirus terrestris</i>	1.0	born
Axis Deer	<i>Cervus axis</i>	0.1	born
Wapiti	<i>Cervus elaphus canadensis</i>	1.0	born
Nilgai	<i>Boselaphus tragocamelus</i>	0.0.7	born (5 DNS)
Ankole Cattle	<i>Bos taurus</i>	0.0.1	born (DNS)
Congo Buffalo	<i>Syncerus caffermanus</i>	0.1	born
Red Lechwe	<i>Kobus leche kafuensis</i>	4.0	born
Blackbuck	<i>Antelope cervicapra</i>	1.6	born (0.2 DNS)
Arabian Gazelle	<i>Gazella gazella arabica</i>	0.1	born

BIRDS

Chilean Tinamou	<i>Nothoprocta perdicaria</i>	0.0.1	hatched
		0.0.4	presented
Humboldt's Penguin	<i>Spheniscus humboldti</i>	0.0.4	loan
Chilean Flamingo	<i>Phoenicopterus chilensis</i>	0.0.3	h'tchd (2 NS)
White-faced			
Whistling Duck	<i>Dendrocygna viduata</i>	0.0.5	h'tchd (4DNS)
Baikal Teal	<i>Anas formosa</i>	0.1	exchange
White-winged			
Wood Duck	<i>Cairina scutulata</i>	1.0	loan
Smew	<i>Mergus albellus</i>	0.1	exchange (DNS)
Bare-faced Curassow	<i>Crax fasciolata</i>	0.0.1	hatched
Variable Chachalaca	<i>Ortalis motmot</i>	0.0.3	hatched
Congo Peafowl	<i>Afropavo congensis</i>	1.0	loan
Common Peafowl	<i>Pavo cristatus</i>	0.0.2	hatched
Rourol Partridge	<i>Rollulus rourol</i>	0.0.5	h'tchd (4 DNS)
Sarus Crane	<i>Grus antigone</i>	0.0.1	hatched
West African			
Crowned Crane	<i>Balearica pavonina pavonina</i>	0.0.4	h'tchd (2 DNS)
Diamond Dove	<i>Geopelia cuneata</i>	0.0.1	hatched
Bleeding Heart Pigeon	<i>Gallinolumba luzonica</i>	0.0.2	h'tchd (2 DNS)
Celebes Quail Dove	<i>Gallinolumba tristigmata</i>	0.0.3	h'tchd (2 DNS)
Laughing Dove	<i>Streptopelia senegalensis</i>	0.0.1	h'tchd (DNS)
Yellow-backed			
Chattering Lory	<i>Lorius garrulus flavopalliatu</i>	0.0.2	hatched
Musschenbroek's			
Lorikeet	<i>Neopsittacus musschenbroekii</i>	0.0.1	hatched
Red-fronted Macaw	<i>Ara rubrogenys</i>	0.0.5	hatched
Lesser Vasa Parrot	<i>Coracopsis nigra nigra</i>	0.0.3	h'tchd (2 DNS)
Yellow-faced Parrotlet	<i>Forpus xanthops</i>	1.0	presented
Hawk-headed Parrot	<i>Deroptyus accipitrinus</i>	0.0.3	hatched
Blue-throated Conure	<i>Pyrrhura cruentata</i>	0.0.4	h'tchd (4 DNS)
Violet Plantain Eater	<i>Musophaga violacea</i>	0.0.2	hatched
Red-crested Turaco	<i>Tauraco erythrolophus</i>	0.0.1	hatched
Rufous Fishing Owl	<i>Scotopelia ussheri</i>	1.0	loan
Kookaburra	<i>Dacelo novaeguineae</i>	0.0.1	hatched

BIRDS

African Grey Hornbill	<i>Tockus nasutus</i>	0.0.1	h'tchd (DNS)
Channel-billed Toucan	<i>Ramphastos vitellinus</i>	0.0.1	hatched
White Woodpecker	<i>Melanerpes candidus</i>	0.0.1	hatched
Fairy Bluebird	<i>Irena puella</i>	0.0.3	h'tchd (3 DNS)
White-rumped Shama	<i>Copsychus malabaricus</i>	0.0.2	hatched
Orange-headed			
Ground Thrush	<i>Zosterops citrina</i>	0.0.1	h'tchd (DNS)
Silver-eared Mesia	<i>Leiothrix argentea</i>	0.0.3	h'tchd (3 DNS)
Pekin Robin	<i>Leiothrix lutea</i>	1.1	loan
Splendid Sunbird	<i>Nectarinia coccinigaster</i>	1.1	purchase
Oriental White-eye	<i>Zosterops palpebrosa</i>	0.0.3	presented
Silver-beaked Tanager	<i>Ramphocelus carbo</i>	1.1	loan
Yellow-rumped Tanager	<i>Ramphocelus flammigerus</i>		
	<i>icteronotus</i>	0.1	loan
Blue-grey Tanager	<i>Thraupis episcopus</i>	0.0.1	loan
Golden-breasted			
Waxbill	<i>Amandava subflava</i>	1.1	presented
Red-billed Fire Finch	<i>Lagonosticta senegala</i>	1.1	presented
Red-cheeked			
Cordon-Bleu	<i>Uraeginthus bengalus</i>	1.1	presented
White-headed			
Buffalo Weaver	<i>Dinemellia dinimelli</i>	0.0.4	h'tchd (3 DNS)
Amethyst Starling	<i>Cinnyricinclus leucogaster</i>	1.1	presented
Rothschild's Mynah	<i>Leucopsar rothschildi</i>	0.0.4	h'tchd (1 DNS)
Coledo Mynah	<i>Sarcops calvus</i>	0.0.2	h'tchd (2 DNS)

REPTILES

Malayan Box Turtle	<i>Cuora amboinensis</i>	0.0.1	bred
South American			
Red-footed Tortoise	<i>Geochelone carbonaria</i>	1.1	purchased
Leopard Gecko	<i>Eublepharis macularius</i>	0.0.5	born
Green Iguana	<i>Iguana iguana</i>	0.0.2	bred
		0.0.1	presented
Rhinoceros Iguana	<i>Cyclura cornuta</i>	0.0.3	bred
Brown Basilisk	<i>Basiliscus basiliscus</i>	0.0.21	bred
Calabar Python	<i>Calabaria reinhardtii</i>	0.1	exchange
Emerald Tree Boa	<i>Corallus caninus</i>	1.0	purchase
Madagascan Tree Boa	<i>Sanzinia madagascariensis</i>	0.0.2	loan
Purple Spotted			
Pit Viper	<i>Trimeresurus purpureomac</i>	1.1	donation

INVERTEBRATES

Jellyfish	Sub species unknown		bred
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AQUARIUM

Regal Tang	<i>Paracanthurus hepatus</i>	1	presented
Soldier Fish	<i>Myripristis axillaris</i>	2	presented
Black Trigger Fish	<i>Odonus niger</i>	2	presented
Valentine Puffer Fish	<i>Canthigaster valentini</i>	1	presented
Frontosa	<i>Cyphotilapia frontosa</i>	101	born
Red Rainbow Fish	<i>Glossolepis incisus</i>		bred
Green Pipe Fish	<i>Synganthoides biaculeatus</i>	8	purchase
Banded Pipe Fish	<i>Doryrhamphus dactylophorus</i>	7	purchase
Oceanic Seahorse	<i>Hippocampus kuda</i>	7	exchange
			bred
Shrimp Fish	<i>Aeoliscus strigatus</i>	9	exchange

Key: Col. 1 = Male. Col. 2 = Female. Col. 3 = Young, or unknown



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