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~~MAR 24 1987~~

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March 6, 1987

CITY MANAGER'S OFFICE

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City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: The Sacramento Zoo's Celebration of Its 60th Birthday

SUMMARY

The Sacramento Zoo has been in William Land Park since March 1927. Many activities are scheduled to celebrate its 60th birthday. The Sacramento Zoo's latest annual report is included and summarizes our most current accomplishments.

BACKGROUND INFORMATION

In March of 1927, in an effort to create a single, City-operated animal collection, animals were moved from Joyland, McKinley Park, and Del Paso Park to the Zoo's present location in William Land Park. Since that time, the Zoo has provided a valuable educational resource and recreational activity for millions of citizens throughout the Sacramento area.

Last year the Zoo had 491,000 visitors and this year the Zoo is expected to have well over one-half million visitors. It is the most heavily attended, year-round public facility in the Sacramento area.

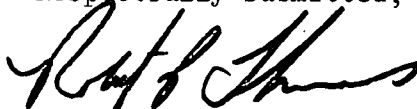
The Sacramento Zoo staff and the Sacramento Zoological Society have planned many events to help celebrate the Zoo's 60th birthday. Photographs and artifacts depicting the Zoo's history will be on display in the Zoo's education building. Zoo visitors can have birthday cake each day from March 23 through March 27. A birthday card contest was held and the best cards will be displayed at the airport and at the "Zoo Museum". On March 23, the Zoo's actual birthday, the old chimpanzee cage will be demolished. The new chimpanzee exhibit, opened in September 1986, represents the new approach to Zoo design. The celebration will end officially on April 8 when noted zoologist, Jane Goodall, comes to the Convention Center to present a program on chimpanzees.

City Council
March 6, 1987
Page Two

RECOMMENDATION

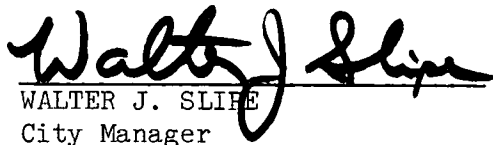
This report is for Council information only. No action is required.

Respectfully submitted,



ROBERT P. THOMAS, Director
Parks and Community Services

For City Council Information


WALTER J. SLIFE
City Manager

ST/b

March 24, 1987
All Districts

COUNCIL AGENDA ITEM

The Sacramento Zoo's Celebration of Its 60th Birthday

Staff from the zoo will present T-shirts, buttons, and the *POSTER* to the mayor and each councilperson. *

DATE: Tuesday, March 24, 1987

PRESENTED BY: Steve Taylor, Zoo Superintendent

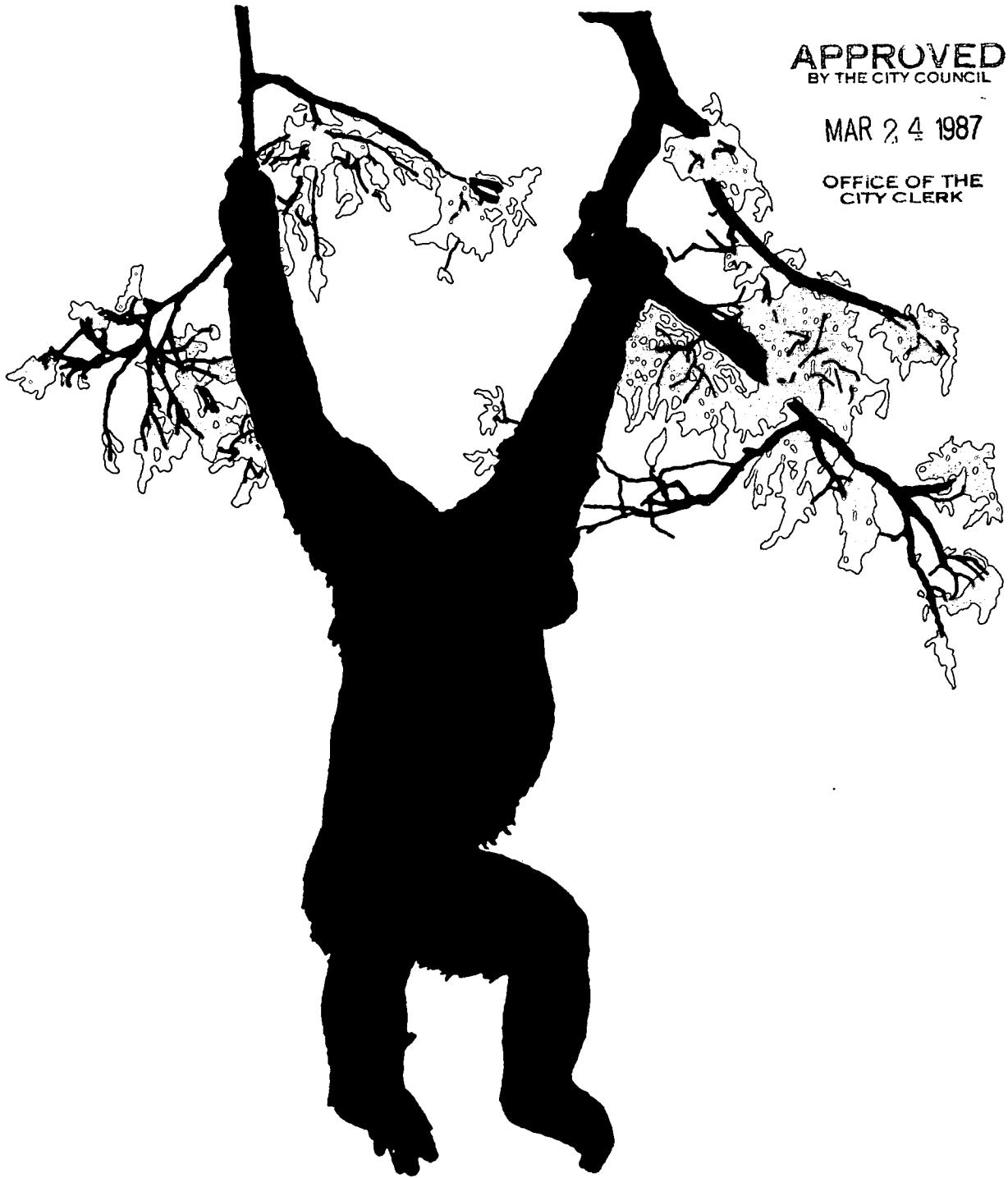
* Also, copies of the Zoo Annual Report will be distributed

SACRAMENTO ZOO

APPROVED
BY THE CITY COUNCIL

MAR 24 1987

OFFICE OF THE
CITY CLERK



ANNUAL REPORT

1985/86

SACRAMENTO ZOO
ANNUAL REPORT 1985-86



AAZPA
ACCREDITED
INSTITUTION

3930 West Land Park Drive
Sacramento, CA 95822
(916) 449-5166



CITY OF SACRAMENTO

CITY COUNCIL

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Steve H. Taylor, Zoo Superintendent



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Dr. Patricia Gibson, Vice-President
Dick Saldine, Secretary
Bill Koontz, Treasurer
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Judy Casaroli
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Daphne Schaffer
Joyce Taylor-Bungay
Steve Taylor
Dr. John Turner

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PRESIDENT'S REPORT

It has been my pleasure to serve as President of the Sacramento Zoological Society since January of this year. Working with all the volunteers and all the staff at the zoo was a very rewarding experience. The Zoological Society is increasing in size and in scope of activity faster than any other group in town. In just four years we have grown from 400 members to over 3,100! And we are still gaining.

The Society has been an important educational force in Sacramento. Docent tours, illustrated lectures, and live animal shows were offered, as well as education classes for children and adults. This fall, we will be giving classes for college credit. Very young children continue to be reached with our Zoo Preview program. A continuing study of our chimpanzees is also now a part of our program. During the year 1985-86, over 66,000 children from 1,200 schools visited the zoo and many of these students were given docent tours or presentations. The Society continues to provide high quality monthly lectures from September through April, and the Bulletin gets better all the time. Color photographs yet!

Fund-raising is also a large part of the Zoological Society activities, and one in which we are having increasing success. The annual Art Auction, Ice Cream Safari and Zoo Zoom are perhaps the largest of our events. The Zoological Society contributed a large amount of money toward the completion of our great new chimpanzee exhibit as well as to other projects. The Adopt An Animal program continues to be very successful. The work of the Joint Concessions Board in operating the concessions has contributed heavily to our excellent financial position.

We also do many other things that contribute in different ways to the zoo. Photo Day and the yearly calendar, the Summer picnics and the Adopt An Animal picnic, Teddy Bear Day and all the events surrounding the opening of the new chimp exhibit were well organized and very well attended. Not every event falls into the category of education or fund-raising. Some events are just fun, and often have long range benefits for the zoo.

The next things on our agenda are the rapid completion of our interpretive center, heavy-duty fund-raising to get the Rare Feline Breeding Center under way, and planning the implementation of our master plan for the years to come.

None of these activities, as well as others I haven't mentioned, would be possible without the dedicated work of all the volunteers that really make the Society go. We all have something in common here, the love of these animals which have been put in our care. If we lose the last of these species, they will not pass this way again. We have a trust to preserve and protect these magnificent creatures for generations yet to come.

Judith Cleaver, President

DIRECTOR'S REPORT

It was another banner year for the Sacramento Zoo and the Zoological Society. Both the City and the Society had fiscal years ending on June 30th and I would like to list some of the highlights from last year.

For the fourth straight year, attendance was up. Last year we were just shy of one-half million visitors with a total of 490,702. Our city revenue was up considerably due to a mid-year fee increase. With the total City revenue at approximately \$700,608, we were 68% self-sufficient. That figure is outstanding when compared to other municipal zoos in the United States. In my research I have found that we are only surpassed by the New Orleans Zoo in the category of self-sufficiency.

Much of this financial success was due to our supportive Zoological Society. By raising private funds and operating the education department and concession stands, they insured that the cost of the zoo in tax dollars remained low while the quality continued to improve. Membership is still "sky rocketing" with 3,120 members on our roster as of June 30, 1986. The gross sales of our concession stands increased 16%, primarily due to the addition of a small, but vital, gift booth.

These successes extended to the zoo's animal collection as well. We had several first births at our zoo, including two Asian lions and an Arabian oryx calf. Three Eclectus chicks were raised last year - two by the parents and the other hand-raised. The birth of a golden-bellied mangabey was significant as the parents were recently imported from Germany, making that the second pair of breeding mangabeys at our zoo. We are the only zoo that has ever bred this species in the United States. New arrivals at our zoo included a pair of Francois langurs (monkeys) from China, a pair of red-ruffed lemurs, a pair of hawk-head parrots (already breeding), a pair of Jackson's hornbills, four black parrots (native to Madagascar), four blue-tongued skinks, several African millipedes and a Zoo Curator named Fred.

And finally, after 35 years of life in a 10 x 20 foot chain-link cage, our three Chimpanzees are at home in their beautiful and spacious new chimp exhibit. Although long overdue, we are all delighted with this new enclosure. Let's not forget another project (although not as spectacular as the chimp exhibit, it's equally important) - the renovation of both restroom facilities. Just think, no more waiting in line on crowded days!

As of August, I have been your Zoo Director for five years. Although there have been both successes and failures through the years, each year has been very special to me. Thanks to zoo supporters like you, the Board of Directors of the Zoological Society, the City Administrators and elected officials, and our energetic and dedicated staff, we have a great future at the Sacramento Zoo.

Steve H. Taylor, Zoo Director

Zoo Staff

Administration

Steve H. Taylor - Zoo Director
Maria P. Baker - Administrative Asst.

Evelyn F. Aguilar - Zoo Secretary

Animal Care Staff

Fred LaRue - General Curator
Steve Billigmeier - Zoo Supervisor
Jane Hansjergen - Zoo Attendant II
Bill DeJesus
Leslie Field
Susan Healy
Willis Harris

Lee Houts
Mary Liebmann
Lindsey Moseanko
Debbie Reaves
Mark Thormahlen
Tony Vargas
Dinah Wilson

Veterinarians

Dr. Murray Fowler

Dr. Joann Paul-Murphy

Gate Attendants

Nina (Liz) Fenkell
Lisa Buckman

Karleen Rhey

Grounds Maintenance Staff

Homer Frye - Park Supervisor
Vincent Fletcher - Park Maintenance Worker I
Pat Williams - Park Maintenance Worker I
Edgar Wooten - Park Maintenance Worker I
Sam Bacchini - Public Service Aide
Glen Chadwick - Public Service Aide
Felita Chapman - Public Service Aide

Education

Cheryl Winn - Education Coordinator
Diane Kisich - Education Assistant

Nancy Sasaki - Education Assistant

Sacramento Zoological Society, Membership/Development/Special Events

Joyce Mansfield - Administrative Manager
Anne Boynton - Program Assistant

Jacqueline Embs - Bookkeeper

Visitor Services

Virginia Sattler - Visitor Services Manager
Amy Herbert - Assistant Manager
Kevin Chambers - Seasonal Asst. Manager/Stand Supervisor
Mary Ann Hague - Gift Stand Supervisor
Scott Anderson - Concession Stand Supervisor
Judy Misaka - Concession Stand Supervisor
Anita Trejo - Concession Stand Supervisor
Charles Carrasco - Lead Person
Dennis Gustinell - Lead Person
Bridget Mulligan - Lead Person
Nora Rodriguez - Lead Person

ZOO OPERATION

Zoo Staff

The "settling in" of many newly acquired or promoted employees last year was a major undertaking. Fred LaRue, our new (and first ever) Zoo Curator started in March and now is responsible for the entire animal acquisition and deacquisition program, animal care, grounds maintenance, record keeping, etc. To assist him, Steve Billigmeier and Jane Hansjergen were promoted to Zoo Supervisor and Zoo Attendant II respectively. Homer Frye transferred in from the Park Department to become our first Park Supervisor for the zoo and Fairytale Town. His wealth of knowledge and his dedication to "doing the job" has already made much difference with the appearance of the zoo grounds.

In the office, Joyce Mansfield has taken over the responsibility of the Society's Administrative Manager and Anne Boynton was hired to assist her. Our membership program now has a monthly renewal system, is computerized, and we were able to do our first direct mail campaign.

If you were to count all the employees, full and part-time, in the zoo and Fairytale Town and with the Society, we have over 80 employees. The staff maintains a high profile in professional associations. Zoo Director Steve Taylor and Education Director Cheryl Winn attended the National AAZPA Conference in Columbus. Administrative Assistant, Maria Baker and Cheryl Winn attended the Western Regional AAZPA Conference in Seattle. Cheryl presented a paper entitled, "A Question of Energy Conservation" and Maria presented a paper entitled "Sacramento Zoo on the Move". Joyce Mansfield, Society Administrative Manager, also attended this conference. Steve Billigmeier attended the first year of AAZPA management school in Wheeling, WV and Jane Hansjergen was asked to speak at the Australian Mammal Symposium in Los Angeles. Jane's presentation was entitled, "Wallaroo Husbandry and Exhibitory". Fred LaRue attended the 1986 SSP Software Seminar and Species Coordinator/Studbook Keeper Workshop in Omaha, NB. Since we are gathering studbook data for both Addra gazelles and thick-billed parrots, this training session will help us with these projects of international significance. Zoo attendant Dinah Wilson attended the sixth annual "Elephant Management Workshop" in Fort Worth, TX. All of the above travel was supported by the Sacramento Zoological Society.

Two Zoo attendants, Mary Liebmann and Dinah Wilson, were granted a six month leave of absence to work on a U.C. Davis sponsored study of baboon behavior in Tanzania. We are anxiously awaiting their return to hear about this great trip. Steve Taylor traveled to Zimbabwe with six other Zoo Directors on an inspection "Safari". This program was sponsored by Fun Safaris of Chicago and the Zimbabwe government in hopes of bringing tourism back to that country now that peace has been restored.

A major goal of both the Department of Parks and Community Services and the Sacramento Zoological Society is to ensure that opportunities exist for upward mobility, staff development, and recognition for achievements. The above achievements of our staff reflect this philosophy.

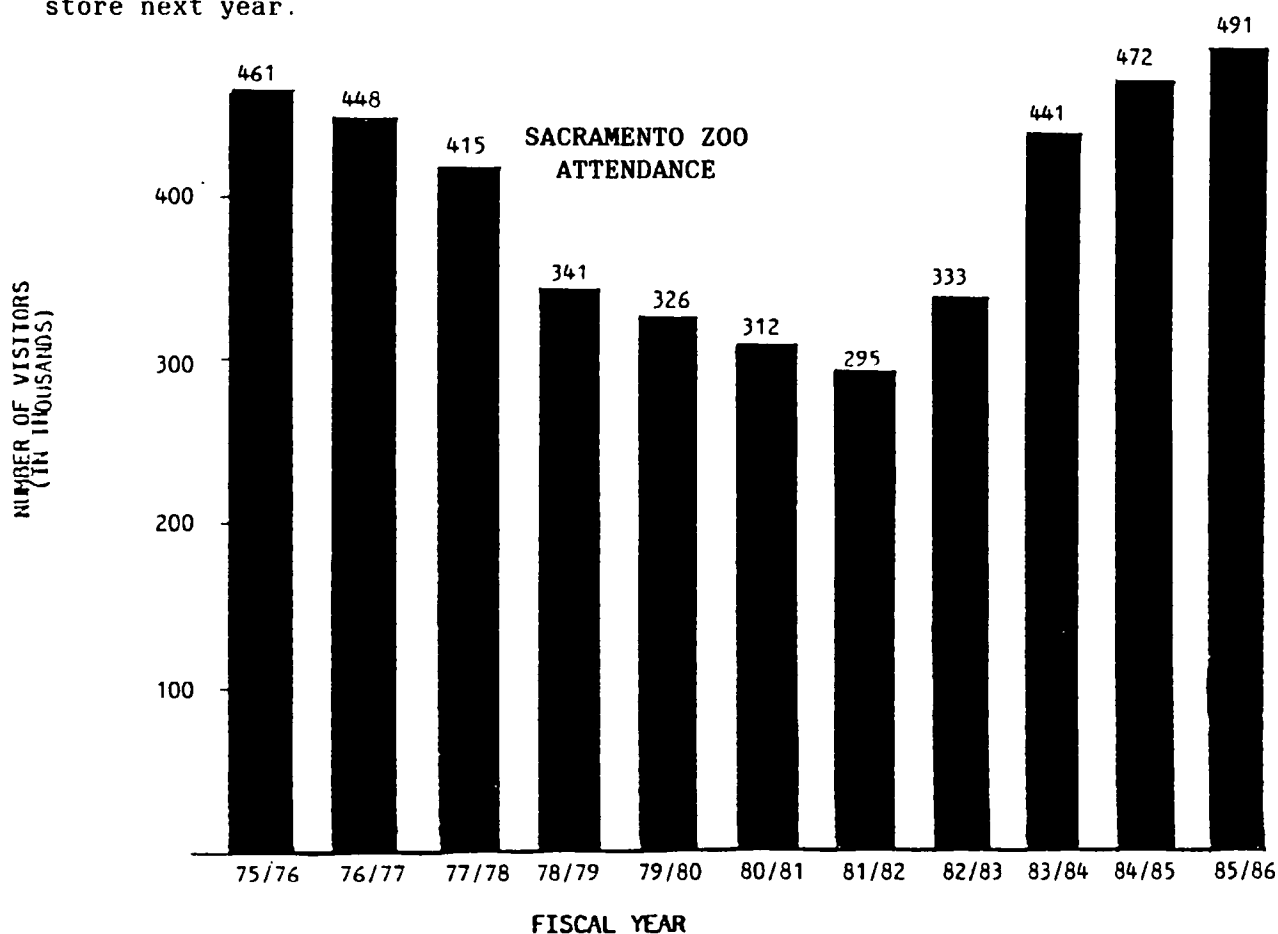
ZOO OPERATION

Public Relations and Promotions

The Zoo continued this year to increase public awareness of our growth and programs. Important this year was our work with Fairytale Town and creating a unified facility -- each promoting the other. Perhaps the most significant accomplishment came toward the end of the year with the creation of a marketing brochure which will be placed in all Sacramento area hotels, motels and restaurants beginning the first of the new fiscal year. This will enable us to reach the Sacramento visitors and those coming to town with conventions. We are anxious to see how this will affect next year's attendance.

Promotions this year again included Teddy Bear Day, Thanksgiving Feast, Christmas Eve at the Zoo, (complete with Santa and Rudolph) and a Halloween/Ident-A-Kid Day which brought out children and their parents for a safety oriented Halloween promotion. As always, Sacramento media was on hand to promote our activities. Their support of the zoo and its activities have continued to be an important factor in the zoo's growth.

In addition to these promotions, the Zoological Society sponsored several fund-raising events including another successful Art Auction, Zoo Zoom, and Photo Weekend. This year brought two new events: a festive Ice Cream Safari in July with all the ice cream concoctions one could possible think of; and a Christmas Boutique to help our zoo members and friends get their Christmas shopping done. Both these events were very successful and will be planned again next year. Each year, with the help of the volunteer staff, our events get bigger and better -- wait until you see what's in store next year.



ZOO OPERATION

Volunteer Program

This was the year of organization for the volunteer program. A formal volunteer policy manual, including job descriptions was established. With the aid of the computer, volunteer hours, categories and mailing labels could all be produced in an efficient manner. Also new this year was our monthly Volunteer Newsletter. This enabled us to keep all volunteers up to date with what was happening at the zoo and Zoological Society activities. It is also a wonderful vehicle to give "Thanks" to our great volunteer force. All these changes have helped to create a more cohesive and efficient program which is growing in its scope, and in the number of volunteers associated with the zoo.

To all those volunteers that helped this year - we can't thank you enough. Many projects and events were completed because of your help. We look forward to an even better volunteer program next year.



VOLUNTEER HOURS:

Docents	10,435
Keeper-Aids	6,242
Maintenance	439
Work Furlough	800
Office Aids	1,404
Curator Asst.	200
Gift Booth	64
Events	307

SACRAMENTO ZOOLOGICAL SOCIETY

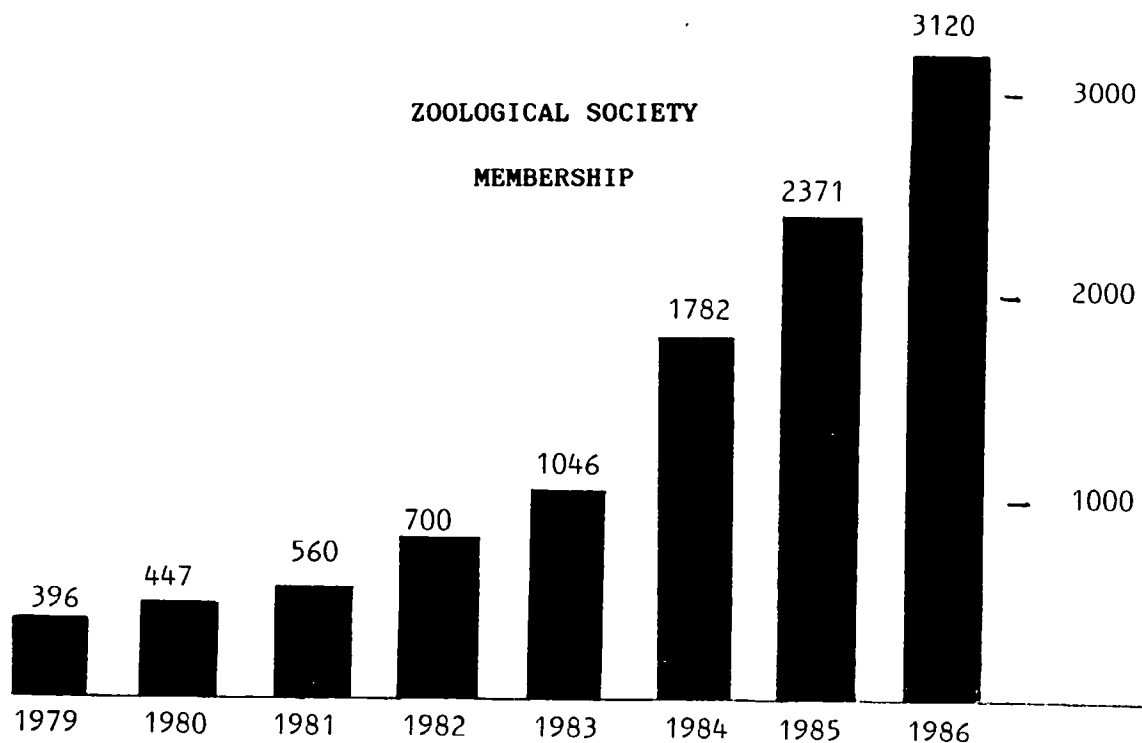
Membership

Having received nearly 1,000 new members this fiscal year, the Zoological Society membership shot up to 3,120. Almost half of the increase occurred at the tail end of this active year, partially due to a direct mail campaign which produced 350 new members in June. In addition to that the gate cashiers promoted zoo membership in recognition of Zoo & Aquarium Month (also June) with efforts yielding 42 new members. Adding to the increase earlier in the year were the City utility bill and Val-Pak inserts and inclusion in City activity guides, front gate brochures and, of course, personal referrals.

Aside from the change in membership count was the redirection of the membership program itself. As of March 1, 1986, a zoo membership remains valid for one full year (previously offered on a calendar year basis). We also added a new Grandparent category in our membership choices and saw it become our fastest growing area.

Our membership roster is now fully computerized, allowing us to rapidly produce reports, update address changes, print labels, etc. Soon, we will alleviate even more manual tasks as we look to the computer for membership cards and receipts as well as refining the record keeping in general.

Monetarily, the membership program has contributed \$78,994 to zoo improvements. We feel our members have a close association with the Sacramento Zoo as it goes through its wonderful renovations. And their support is the major force making it all happen.



SACRAMENTO ZOOLOGICAL SOCIETY

Society Activities

The Zoological Society had a full calendar during the 85/86 fiscal year, starting with the Crystal Ice Cream Safari in July. Over 2,000 visitors raised over \$2,500 for Zoo improvements.

Our next major fund-raiser was the Capital Federal Zoo Zoom held in October. A record number of 1,100 runners raised \$10,000 for the new Chimpanzee exhibit.

The Zoo Society celebrated the holiday season with its first Christmas Zootique. The Education Building was transformed into a boutique with items from the Zoo's gift shop. In 1986 it will be a three day event.

When Spring arrived, the Society held its annual "Art Ducko", raising \$5,300. This classy event was catered by the Rusty Duck Restaurant.

In addition to these special events, the Zoological Society hosted its three membership picnics. Members can get close up views of the exhibit renovations and find out about educational programs. These improvements are largely due to their support.

To encourage and thank additional contributions, the Zoological Society hosted its annual Champagne Brunch. This Sunday morning treat entitled upper category members to La Boulangerie croissants, champagne, fresh fruit and other morning goodies.

All of the Zoological Society events were truly successful this year and most of that is due to the effort extended by our volunteers. Their tireless hours and dedication to the goals of the Zoological Society made each activity fun and profitable at the same time.

Adopt An Animal

Raising over \$30,000, this program set yet another record for the Zoological Society.

Zoo Parents filled the Zoo on their picnic night held in August, 1985. Additional funds were raised by bidding in the Adoption Auction.

A major change took place toward the latter part of the 85/86 fiscal year. Adoption fees, originally ranging from \$20 to \$5,000 were reduced to offer all zoo animals for \$20 to \$100. This restructuring was done to offer our most popular animals at affordable prices.

Adopt-A-Family was added to the list, making three animals (largest, smallest, pick-your-own, etc.) adoptable for a fee from \$200 to \$250 - including three photographs ready for framing.

The redesign of the program began with the arrival of a new full-color brochure. We have already had a tremendously positive response to the new literature and the less expensive adoption rates. The upcoming year and the future of the Adopt An Animal program is very exciting

VISITOR SERVICES

One of the most important methods of generating income in our Zoo is through our retail outlets. Over the past year the Joint Concession Operation's cumulative sales were over \$529,670; \$432,246 in the Zoo alone up 14% from last year. This increase in sales allowed us to obtain new stoves, ice machines, security systems, awning, and our temporary gift facility in addition to the \$48,000 direct cash outlay to the Sacramento Zoological Society.

Our gift trailer (installed March of 1986), although not the permanent building we hope to eventually have, has already paid for itself and the set up equipment, and since generated a profit of \$9,600. Part of this success was due to the efforts of several dedicated Zoological Society members. These volunteers spent four to six hours a week working in the gift trailer, assisting the public, cashiering, and setting up displays. Located near the front entrance of the Zoo, the gift trailer stocks a variety of merchandise such as T-shirts, stuffed animals, coffee mugs, zoo doo, and postcards of our animals. We are presently exploring all possible avenues for funding in the construction of a permanent gift facility. Your support is a very important addition to our resources.

The enthusiasm, diligence and courtesy of our staff once again played a major role in our success. The Joint Concession operations now employs a full time assistant manager, a seasonal relief manager, and a gift stand supervisor along with our 30 part-time cashiers. Staff expansion was due to our participation in Zoo and park promotional activities, extended hours, and growth in sales.

The Joint Concession Board has adopted a budget for the coming year setting a goal of \$60,000 to be returned to the Zoological Society by June 1987.



EDUCATION

Fifty-nine classes, workshops and field trips were developed and offered by the Education department. Public service aides, docents, zoo staff and volunteers taught/led the programs presented.

Teacher Workshops

A special emphasis was placed on teacher workshops. Concepts and projects to present to classes prior to and after a trip to the zoo were the focus. Hints on how to make a trip to the zoo a pleasant and educational experience were distributed.

Field Trips

Field trips included a Bird Walk, a Whale Watch (with the Oceanic Society out of Pier 39 in San Francisco) and a Safari to Africa (led by the Zoo Director).

Zoo Preview

1985-86 saw the development and implementation of a new curriculum for kindergarten through second grade students and teachers. Prepared within the guideline of the State of California Science Addendum, this program is designed to help teachers implement science education in the classroom. In conjunction with special teacher workshops, Zoo Preview is designed to prepare children and teachers to fully utilize the educational resources of the zoo.

Summer at the Zoo

A preschool program was created to introduce young children to exotic animals and the zoo.

Program aides (teen volunteers) were incorporated into the summer program for the second year. The enthusiasm and devotion of these young people is communicated to all the summer class participants. Program aides (14-17 years of age) are trained to work with and help the summer class instructors.

Afternoon animal talks were given daily to zoo visitors. Included were talks on Elephant Care, Reptiles and Bears (featuring the zoo's three species of bears).

Growth

The growth of the education department is reflected in the following statistics:

	81/82	82/83	83/84	84/85	85/86
Classes	0	0	14	45	59
Participants	0	112	229	783	1256

EDUCATION

Docent Council of the Sacramento Zoo

The Docent Council, with about 100 active volunteers, is the heart of the Sacramento Zoological Society education program. In January 1986, after a comprehensive 14 week training course, 22 new docents joined this productive group of people.

Docents conduct a variety of educational programs for school aged youngsters and community groups. Tours are offered for school children third grade and above and for local visiting special interest groups. A special Zoo Preview program is given to kindergarten, first and second grade classes. Illustrated lectures and outreach (animal presentations) are offered to groups within a 25 mile radius of the zoo.

Docents are an invaluable resource. In addition to involvement in an ever increasing variety of education programs, docents provide office support for the administration and education departments and assist the Zoological Society in fundraising events such as Zoo Zoom, Photo Day, Teddy Bear Day and the annual Art Auction.

Docent Data

	81/82	82/83	83/84	84/85	85/86
Tours/ Participants	170/5100	203/7043	283/13752	208/7596	144/4916
Zoo Preview/ Participants					163/5460
Slide Shows	110/4370	96/4975	123/4948	119/6269	92/4112
Outreach		10/421	56/4948	69/7406	32/3315
Wildlife Wagon				139	346
Total Participants	9470	12,439	23,648	21,271	17,812
Docent Hours		3860	3638	5505	10,434.5

FINANCIAL REPORT

The following financial reports represent financial information for the entire Zoo operation: City of Sacramento, Sacramento Zoological Society, and the Joint Concessions Board. These are estimated figures, exact figures will be available from the zoo office after January 1, 1987.

The City budget provides funds for the basic operation of the Zoo. Earned revenue is deposited in the City's general fund and expenses are taken from the general fund. Last year we were 68% self-sufficient. This meant that only \$329,419 had to come from the City's general fund to support the Zoo. This relatively minor tax support helps pay for the zoo as a valuable public asset.

The budget of the Sacramento Zoological Society has increased by a factor of ten in the last four years. The Society's expenses are divided into two sections, those for operation, membership and Fund-raising, and those which directly benefit the Zoo, ie: staff conferences, capital improvements and educational programs. Although the Society only shows a \$121,000 profit, \$90,000 of expenses went directly to operate or improve the zoo.

This year was the second year the Joint Concessions Board (members from both the Zoological Society Board of Directors and the Fairytale Town Board of Directors) operated the Concessions at the Zoo and Fairytale Town. Sixty thousand dollars of this years profits from the Concessions went to the two non-profit Boards. In the future additional profits will go to the the two non-profit support groups for facility improvements.

CITY OF SACRAMENTO
ZOO DIVISION
Fiscal Year Ending June 30, 1986

Revenue	
Admissions	\$ 600,151.00
Concessions Contract	\$ 100,457.00
Total Earned Revenue	\$ 700,608.00
Expenses	
Employee Services	\$ 749,304.00
Services & Supply	
Feed and Forage	\$ 93,500.00
Security	\$ 44,000.00
Fleet Maintenance	\$ 12,500.00
Facility Maintenance	\$ 12,000.00
Supplies	\$ 118,723.00
Total Expenses	\$1,030,027.00
Percent Self-Sufficient	68%
General Fund "dependency"	\$ 329,419.00

SACRAMENTO ZOOLOGICAL SOCIETY
Fiscal Year Ending June 30, 1986

ASSETS

Current Assests	
Cash	\$ 325,087.36
Facilities	
Education Trailer	\$ 31,849.00
Less: Accumulated depreciation	\$ - 531.00
Investment in Joint Concessions Board	\$ 56,696.00
Total Assets	\$ 413,101.36

LIABILITIES AND FUND BALANCE

Current Liabilities	
Accured Taxes	\$ 831.18
Fund Balance	
Designated	\$ 113,695.00
Undesignated	\$ 175,671.94
Profit to Date	\$ 122,903.24
Total Liability and Fund Balance	\$ 413,101.36

FINANCIAL STATEMENT

Revenues	
Memberships	\$ 79,893.57
Donantions	\$ 17,201.60
Grants	\$ 69,337.50
Programs and Membership Activites	\$ 112,843.96
Interest	\$ 17,276.57
Equity in earnings of Joint Concessions Board	\$ <u>48,000.00</u>
Total	\$ 344,553.20
Expenses	
Zoo Operation	\$ 8,101.09
Zoo Improvements	\$ 42,714.28
Education	\$ 39,304.43
Membership Activities	\$ 67,119.96
Bulletin	\$ 8,687.70
Administration	\$ <u>55,789.50</u>
Total	\$ 221,716.96
Net Income	\$ 122,836.24

**SACRAMENTO ZOOLOGICAL SOCIETY
JOINT CONCESSIONS BOARD
(ZOO SOCIETY AND FAIRYTALE TOWN BOARD)
Fiscal Year Ending June 30, 1986**

ASSETS

Current Assets	
Cash	\$ 2,604.88
Inventory	\$ 29,581.13
Pre-Paid Contract	\$ <u>693.36</u>
Total Current Assets	\$ 32,879.37
Payments to Groups	\$ 60,000.00
Property and Equipment	
Cost	\$ 83,249.94
Accumulated Depreciation	\$ <u>-26,666.64</u>
Total Property and Equipment	\$ 116,583.30
Total Assets	\$ 149,462.67

LIABILITIES & OWNER'S EQUITY

Current Liabilities	
Zoo Society Loan	\$ 0.00
Accounts Payable	\$ -1,164.00
Sales Tax Payable	\$ 0.00
Payroll Taxes Payable	\$ <u>1,610.61</u>
Total Current Liabilities	\$ 446.61
Joint Concessions Board Equity	
Equity	\$ 70,755.96
Profit	\$ <u>78,260.94</u>
Total	\$ 149,016.90
Total Liability & Owner's Equity	\$ 149,463.51

FINANCIAL STATEMENT

Income	
Zoo Concessions	\$ 432,246.08
Fairytale Town	\$ <u>97,424.26</u>
Total Income	\$ 529,670.34
Expenses	
Cost of Sales	\$ 172,669.49
Salaries, Payroll Taxes	\$ 111,270.24
City Rent	\$ 125,457.09
Other	\$ <u>42,012.58</u>
Total Expenses	\$ 451,409.40
Net Income	\$ 78,260.94

COLLECTION HIGHLIGHTS

Reptile Section

Several new or remodeled exhibits were created by the staff of the Reptile House. As examples, the Argentine horned frogs look at home in their jungle river display and the mangrove snakes look very natural hanging from their simulated root system of a mangrove swamp.

Few specimens were acquisitioned during the year and the only completely new species was the blue-tongue skink. A Gila monster and two female green tree pythons were additions to our breeding program for these two species. Deletions from the collection included a blood python, a Russell's viper, a Malayan cobra and an African clawed frog. Young brown house snakes and gopher snakes were hatched during the year.

Bird Section

A total of nine different bird species and 22 specimens were hatched and successfully reared during the year. Our American flamingos continued to nest and we raised one chick. Our blue and gold and our scarlet macaws again reared offspring and we produced three Eclectus parrots this year for the first time. We continued to hatch thick-billed parrot chicks from our original parrot. We have been appointed by the American Associations of Zoological Parks and Aquariums as regional studbook keeper for the thick-billed parrot.

Significant deletions from our collection included Patagonian conures (these were considered a risk to our thick-bills as these conures routinely are carriers of Pachecos disease), ruddy shelducks and bar-headed geese. New to our collection were black parrots, hawk-headed parrots and Jackson's hornbills.

While we had reproduction from 21% of our bird species and 11.6% of bird specimens, we had a mortality of less than 11% of our specimens. This large turnover is typical for collections of our size.

Carnivore Section

The birth of a male and female Asian lion was one of the most significant happenings at the zoo last year. These lions are part of an international plan to save the Asian lions from extinction. Although our female, "Mahandi", was hand-raised, she was a perfect mother and raised her two cubs without incident.

We successfully introduced a new cheetah to our pair and now have a total of three animals. Our exhibit is very adequate as a display but does not provide enough space for isolation and breeding. It is likely that this species will be eliminated as our Master Plan develops.

Our Geoffroy's cat female, "Connie", gave birth to one male and two female kittens. That makes 23 births that have survived from "Connie" since she came to us in 1975.

Primate Section

Last year we almost completed our chimp exhibit (opening was August 29, 1986). Much of our time in the primate section was spent watching over construction, supervising the rock work, landscaping the inside and the outside, and developing a protocol for their introduction. It appears that while there are a few problems, the exhibit will be a great success.

Our golden-bellied mangabey project is progressing very well as we had another birth from our original pair. We sent two pairs to other zoos which should enable us to coordinate a national effort to maintain a stable captive population of this species.

We acquired two new endangered primates during the year: Francois langurs and red-ruffed lemurs. Both groups have adapted well to our Zoo and we will look for breeding activity in the near future.

Ungulate Section

All breeding programs in this area of the Zoo were successful this year. The birth of a female Arabian Oryx and a female Grevy's zebra were significant as these are both endangered species and are part of nationally organized Species Survival Plans.

The birth of six Addra gazelles demonstrates a continued commitment to this species. We have approached the American Association of Zoological Parks and Aquariums about becoming the regional studbook keeper for this species. We should begin this year with acquiring census data for this project.

During the year we began to phase out our herd of llamas. This herd was highly inbred and continued breeding would not be in the best interest of the captive llama population. All but two animals were sent on loan to Bob Frost who maintains llamas and studies their genetics. The final two animals will leave in 1986 to make additional room for our wallaroo and emu exhibit.

Work continues with elephant handling and the additional effort has begun to help us control and care for our two cows. We use both elephants for educational programs whereby "students" actually wash the elephants and learn about elephant care. Suzie is trained sufficiently to walk through the Zoo and she made a special appearance at the meeting of the Rotary Club of Sacramento held at the Zoo in June. Both elephants were weighed by the California Highway Patrol. Winky and Suzie each weighed approximately 9,300 pounds.

Park Maintenance/Botanical Section

Several areas in the zoo were replanted and the improvements to grounds are obvious to all our regular visitors. Much of our Spring and Summer were spent landscaping around our new chimp exhibit and around the primate area. The landscaping converted one of the worst looking areas of the Zoo to one of the more attractive.

As part of our Master Plan process we identified and located all large trees in the Zoo. We now know that the Zoo contains almost 60 different types of large trees. Our site plan for future Zoo improvements will give

special consideration to maintaining as many trees as possible.

From various donations the Zoo received several new eight-foot redwood benches and ten picnic tables. In addition to our remodeled restrooms, these benches and tables considerably improve visitor comfort in the Zoo.

Veterinary Report

The work of the veterinary department has been enhanced this year by the closer association with zoo staff, including the newly appointed general curator, Fred LaRue. This all resulted in closer attention to record keeping and follow through on cases.

The zoo maintains specimens of amphibians, reptiles, birds and mammals. The birds and mammals seem to require more of the veterinary team's attention. Overall, the collection is in good health; with no major outbreaks of infectious diseases in any group of animal. The primary activity of the veterinary team has been to deal with the routine preventive medicine programs and handle the periodic problems that arise with groups of animals.

There were a number of chicks hatched this year, some of which required hand-rearing. There were problems of providing the correct diet and, in a few cases, dealing with developmental defects. Splayed legs and curved toes vexed both the veterinary and keeper staff as splints and hobbles of various types were used with varying degrees of success.

Routine fecal examinations in the birds determined that the lower bird house had a problem with Capillaria, a parasitic worm. All of the birds were given an anthelmintic ("deworming" medication). The birds (around 40) were then weighed and injected with levamisole.

Physical examinations were given to newly acquired birds during their quarantine period as well as to numerous birds suspected of being ill, or being transferred to other institutions. A few birds required beak and nail trimming.

The zoo prides itself in maintaining and breeding rare or endangered species and toward this end acquired some black parrots. It was noticed that these birds did not have the correct feather coloration for this species; there was too much white. It wasn't until later this year that it was found out that this shipment of birds seemed to have a high mortality and that there was a possibility that they were suffering from a virus infection called beak and feather syndrome that is usually seen in cockatoos.

Another interesting finding on the black parrot was an enlargement of the vent area. When first noticed this caused an alarm that it might be a cloacal prolapse. However, the mucosa was not prolapsed, the entire vent area seemed to enlarge and pouch out. On further checking with other breeders, it was determined that this was normal for this species when they reach breeding age.

All of the primates are tested for tuberculosis annually. This necessitated chemical immobilization in all except the squirrel monkeys, giving us the opportunity to give physical examinations and determine that the health of this group of animals is excellent.

Tumors are not common in our collection, but this past year there was a basal carcinoma found in the ear of a serval cat. Radiation therapy was not successful and ultimately the cat was euthanized. A tumor was also diagnosed in one of the old ring-tailed lemurs.

In general, parasitism was not a major problem in the mammals. However, there was a continual problem with ascariasis (round worms) in the bears and cats. Routine checks were necessary and periodic worming was required. The polar bears develop alopecia (hair loss) periodically and have to be immobilized and sponged with amitraz (mitaban) to control the audicoptid mange mite that has a home on their skin. None of the therapies that have been tried on these bears seems to be able to permanently rid the bears of this parasite.

Another parasite that causes no major problem, but is annoying to the cats is the presence of ear mites. Unless the cat is shaking its head severely or is discharging exudate from the ear the problem is dealt with by treating the ears each time the cat is immobilized or when netted for routine vaccinations.

The hoofed stock are relatively clean of parasites, but this past year we did have a buildup of trichostrongyles in the Arabian oryx and anthelmintics were put into the feed.

One of the major tasks of the veterinary team is to conduct the immobilization of the animals for treatment or translocation. For the most part this is a routine procedure. The entire process is well thought out by the keeper staff and the curator so that all contingencies are covered. The staff has been trained to use the equipment so that they can approach the hoofed animals much more closely. This has helped get the job done.

Immobilization was done on most of the primates, serval, lynx, orangutan, dama, mt. lion, llama, polar bear, sloth bear, lemurs, and zebra. A camel being used for the camel ride was immobilized with xylazine and ketamine. During the process, he regurgitated and aspirated food into the lungs. He ultimately died.

Numerous waterfowl required pinioning and surgical sexing was carried out in many birds.

Although not a part of the zoo, the veterinary team conducts the necessary veterinary work at Fairytale Town with routine vaccinations and periodic trimming of the hooves of the pony.

SACRAMENTO ZOO
ANIMAL INVENTORY*

JUNE 30, 1986

	Orders	Families	Forms	Specimens
Mammalia	7	15	44	151
Aves	16	20	44	189
Reptilia	2	15	50	115
Amphibians	2	4	5	15
Osteichthyes	1	1	2	435
Invertibrates	3	3	3	64
TOTAL	31	58	148	969

ANIMALS ON LOAN

	To Sacramento	From Sacramento
Mammalia.....	20.....	22
Aves.....	4.....	26
Reptiles.....	34.....	2
TOTAL	58	50

Reading the Inventory:

This six column inventory depicts every animal movement to and from the Sacramento Zoo for the year prior to June 30, 1985. Births or hatchings, acquisitions, dispositions, and deaths each have a representative column.

The reference for scientific names for mammals and birds is the International Species Inventory System (I.S.I.S.). The Inventory of Live Reptiles and Amphibians by Frank Slavens was used to determine scientific names for the reptiles and amphibians.

The numbers 2.3.1 represent two (2) males, three (3) females, and one (1) animal undetermined sex. A plus (+) means that the animal is on loan to the Sacramento Zoo and a minus (-) means that the animal is on loan from the Sacramento Zoo.

*This inventory does not count animals out on loan.

ANIMAL INVENTORY COMPILATION
June 30, 1985

<u>TOTAL ORDERS</u>	<u>MAMMALIA</u>	<u>AVES</u>	<u>REPTILIA</u>	<u>OTHER</u>	<u>TOTAL</u>
June 1977	7	13	3	0	23
June 1978	7	14	3	0	24
June 1979	7	15	3	0	25
June 1980	6	15	3	0	24
June 1981	6	16	3	1	26
June 1982	6	16	3	4	29
June 1983	6	16	3	3	28
June 1984	7	16	2	5	30
June 1985	7	17	2	4	30
June 1986	7	15	2	6	30

TOTAL FAMILIES

June 1977	18	18	15	0	51
June 1978	18	19	12	0	49
June 1979	18	20	13	0	51
June 1980	15	19	12	0	46
June 1981	15	20	11	1	47
June 1982	15	23	13	6	57
June 1983	15	24	12	7	58
June 1984	16	23	15	8	62
June 1985	16	24	15	7	62
June 1986	15	20	15	8	58

TOTAL FORMS

June 1977	59	53	57	0	169
June 1978	57	58	54	0	169
June 1979	51	55	45	0	151
June 1980	49	52	42	0	143
June 1981	47	54	42	2	143
June 1982	45	60	55	7	167
June 1983	49	64	59	11	183
June 1984	42	53	53	12	160
June 1985	43	52	56	10	161
June 1986	44	44	50	10	148

TOTAL SPECIMENS

June 1977	186	140	120	0	444
June 1978	194	157	137	0	488
June 1979	184	174	91	0	449
June 1980	177	171	72	0	420
June 1981	164	141	71	205	581
June 1982	145	218	89	217	669
June 1983	158	254	97	222	731
June 1984	177	313	122	467	1070
June 1985	176	280	113	506	1075
June 1986	151	189	115	514	969

MAMMALIA

June 30, 1986

	STATUS <u>6/85</u>	<u>BIRTHS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	STATUS <u>6/86</u>
MARSUPIALIA						
Macropodidae				0.1	2.2	2.7
Walleroo	6.1	2.2				-1.1
<u>Macropus robustus</u>						
PRIMATES						
Lemuridae	6.1	1.0		1.1		6.0
Ring-tailed Lemur	+6.3	+0.2		+2.0		+4.5
<u>Lemur catta</u>	-1.0					-1.0
Mongoose Lemur	1.0					1.0
<u>Lemur mongoz mongoz</u>	+1.0					+1.0
Ruffed Lemur			1.1			1.1
<u>Lemur variegatus raber</u>						
Cebidae						
Squirrel Monkey	1.5			1.0		0.5
<u>Saimiri Sciureus</u>						
Cercopithecidae						
Golden-bellied Mangabey	6.6	1.0				5.4
<u>Cercocebus galeritus</u>						-2.2
<u>chysogaster</u>						
DeBrazza's Guenon	0.2					0.2
<u>Cercopithecus neglectus</u>						
Schmidt's Spot-nosed Guenon	1.2					1.2
<u>Cercopithecus ascanius</u>						
<u>schmidti</u>						
Black & White Colobus	2.0			1.0		1.0
<u>Colobus p. polykomos</u>						
Francois Monkey	+1.1					+1.1
<u>Presbytis francois</u>						
Pongidae						
Lar Gibbon-White Handed	1.2					1.2
<u>Hylobates lar</u>						
Chimpanzee	2.1					2.1
<u>Pan troglodytes</u>						
Orangutan	2.1					2.1
<u>Pongo pygmaeus abeli</u>	0.1					+0.1

MAMMALIA

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>BIRTHS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
PRIMATES						
Pongidae						
Gorilla	-1.0					-1.0
<u>Gorilla g. gorilla</u>						
RODENTIA						
Muridae						
Egyptian Spiny Mouse	0.0.11	0.0.11		0.3	0.0.12	0.0.7
<u>Acomys demidiatus</u>						
CARNIVORA						
Ursidae						
Grizzly Bear	1.1					1.1
<u>Ursus arctos</u> <u>hornbillis</u>						
Polar Bear	1.1					1.1
<u>Thalarctos maritimus</u>						
Sloth Bear	1.1					1.1
<u>Melursus ursinus</u>						
Musteliade						
River Otter	1.1					1.1
<u>Lutra canadensis</u>						
Ferret	1.0					1.0
<u>Mustela putorius furo</u>						
Felidae						
Geoffroy's Cat	3.0	1.2				1.1
<u>Felis geoffroyi</u>	+1.1				+1.0	+1.2
						-2.0
Canada Lynx	1.0					1.0
<u>Felis lynx canadensis</u>	+0.1			+0.1		
Western Bobcat	1.1					1.1
<u>Felis rufa</u>						
Serval	1.0					1.0
<u>Felis Serval</u>	+0.1			+0.1		
	-1.0				-1.0	
Jungle Cat	2.2				1.1	1.1
<u>Felis chaus</u>						
Margay	1.2					1.2
<u>Felis wiedi</u>						

MAMMALIA

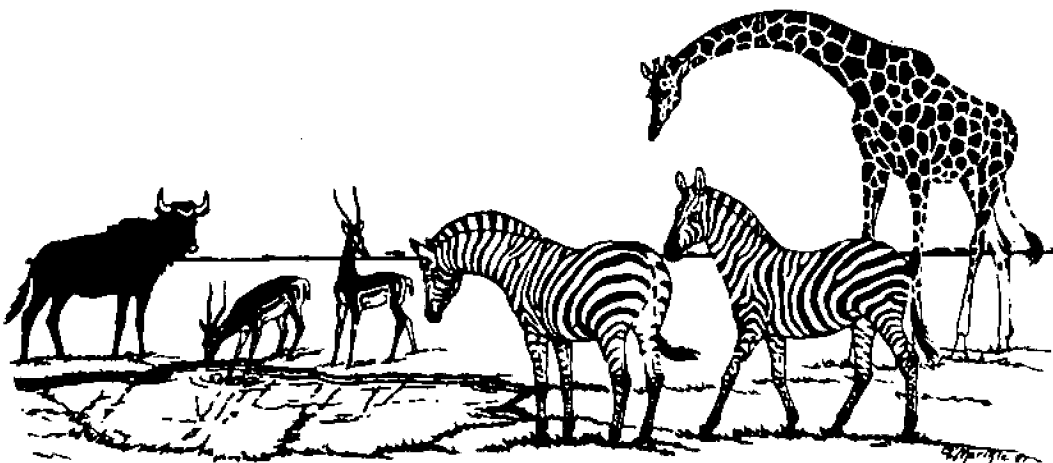
June 30, 1986

	STATUS <u>6/26</u>	<u>BIRTHS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	STATUS <u>6/86</u>
CARNIVORA (cont.)						
Felidae (cont.)						
Caracal	1.2	0.02		0.0.2		1.2
<u>Felis caracal</u>	+1.0					+1.0
Puma	1.1			1.0		0.1
<u>Felis concolor</u>						
Clouded Leopard	+1.1				+0.1	+1.0
<u>Neofelis nebulosa</u>						
Leopard (North Chinese)	1.1					1.1
<u>Panthera pardus</u>						
<u>japonensis</u>						
Asian Leopard	1.0					1.0
<u>Panthera pardus</u>	-1.0					-1.0
Jaguar	1.1					1.1
<u>Panthera onca</u>						
Cheetah	1.1					1.1
<u>Acinonyx j. jubatus</u>			+0.1			+0.1
Asian Lion	1.0	1.1.1				1.0
<u>Panthera leo persica</u>	+0.1					+1.2
Siberian Tiger	0.1					0.1
<u>Panthera tigris</u>	+1.0					+1.0
<u>altaica</u>						
PROBOSCIDEA						
Elephantidae						
Asian Elephant	0.2					0.2
<u>Elephus maximus indicus</u>						
PERISSODACTYLS						
Equidae						
Grevy's Zebra	1.3	0.1				1.4
<u>Equus grevyi</u>						
ARTIODACTYLA						
Hippopotamidae						
Nile Hippopotamus	0.1					0.1
<u>Hippopotamus amphibius</u>						

MAMMALIA

June 30, 1986

	STATUS 6/85	BIRTHS	ACQUIS	DEATHS	DISPO.	STATUS 6/86
ARTIODACTYLA (Cont.)						
Camelidae						
Llama	3.5	1.0			0.3	2.2
<u>Lama glama</u>						-2.0
Giraffidae						
Reticulated Giraffe	1.1	0.1				1.2
<u>Giraffa camelopardalis</u> <u>reticulata</u>						
Bovidae						
Eland	1.6			0.1	0.2	1.3
<u>Taurotragus oryx</u>	-1.2					-1.2
Arabian Oryx	+1.1	+0.1				+1.2
<u>Oryx leucoryx</u>						
Dorcas Gazelle	2.2	1.0			1.0	2.2
<u>Gazella dorcas</u>						
Addra Gazelle	3.9	2.4		1.1	1.0	3.10
<u>Gazella dama</u> <u>ruficollis</u>						
Persian Goitered Gazelle	0.2					0.2
<u>Gazella s. subgut-</u> <u>turosa</u>						



AVES

June 30, 1986

	STATUS <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	STATUS <u>6/86</u>
STRUTHIONIFORMES						
Struthionidae						
Ostrich	1.1					1.1
<u>Struthio camelus</u>	-1.1					-1.0
CASUARIIFORMES						
Dromiceidae						
Emu	2.2					2.2
<u>Dromiceius novae-</u> <u>hollandiae</u>						
TINAMIFORMES						
Tinamidae						
Elegant-crested Tinamou	1.1					1.1
<u>Eudromia elegans</u>						
SPHENISCIFORMES						
Sphenisciade						
Humboldt Penguin	-1.1					-1.1
<u>Spheniscus humboldti</u>						
Phalacrocoracidae						
Double Crested- Cormorant	0.0.4			0.0.2		0.0.2
<u>Phalacrocorax auritus</u>						
CICONIIFORMES						
Ardeidae						
American Bittern	0.1.1			0.0.1		0.1
<u>Botaurus lentiginosus</u>						
PHOENICOPTERIIFORMES						
Phoenicopteridae						
American Flamingo	6.5.10	0.0.1		1.0		5.5.11
<u>Phoenticopterus r.</u> <u>ruber</u>						
Chilean Flamingo	-3.3.1					-3.4
<u>Phoenicopterus chilensis</u>						

AVES

June 30, 1986

	<u>STATUS</u> <u>6/854</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
ANSERIFORMES						
Anatidae						
Black Swan <u>Cygnus atratus</u>	-0.3					-0.3
Black-necked Swan <u>Cygnus melanocoryphus</u>	1.1.5	0.0.4		0.9.2	0.0.5	1.1.2
Bar-headed Goose <u>Anser indicus</u>	1.2				1.2	0.0
Aleutian Canada Goose <u>Branta canadensis</u> <u>leucopareia</u>	2.2					2.2
Barnacle Goose <u>Branta leucopsis</u>	1.2					1.1
Red-breasted Goose <u>Branta ruficollis</u>	2.2					2.2
Nene Goose <u>Branta sandvicensis</u>	1.4	3.3			3.6	1.1
Ruddy Shelduck <u>Tadorna ferruginea</u>	1.1				1.1	0.0
Plumed Whistling Duck <u>Dendrocygna eytoni</u>	4.3			1.1		3.2
White-faced Whistling Duck <u>Dendrocygna viduata</u>	3.2.3		1.0.3		2.2	
Black-bellied Whistling Duck <u>Dendrocygna a. autumnalis</u>	1.1					1.1
Redhead <u>Aythya americana</u>	1.4				0.1	1.3

AVES

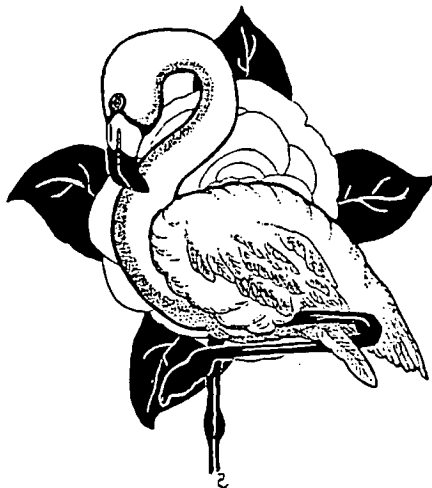
June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
ANSERIFORMES (cont.)						
Anatidae (cont)						
Wood Duck	6.12.3	0.0.6		0.0.4	1.0.4	5.12.1
<u>Aix sponsa</u>						
Mandarin Duck	5.3					5.3
<u>Aix galericulata</u>						
Laysan Teal	4.7.6	0.0.2		0.2	3.5.5	1.2.3
<u>Anas platyrhynchos</u>						
<u>laysanensis</u>						
FALCONIFORMES						
Accipitridae						
Golden Eagle	1.1					1.1
<u>Aquila chrysaetos</u>						
GALLIFORMES						
Cracidae						
Razor-billed Curassow	1.1					1.1
<u>Crax mitu tuberosa</u>						
Phasianidae						
Green Peafowl	0.1					0.1
<u>Pavo muticus</u>						
Numididae						
Common Guinea Fowl	0.0.44	0.0.40		0.0.40	0.0.24	0.0.20
<u>Numida meleagris</u>						
CHARADRIFORMES						
Laridae						
Laughing Gull	0.0.7			0.0.1		0.0.6
<u>Larus atricilla</u>						
Ring-billed Gull	0.0.2					0.0.2
<u>Larus delawarensis</u>						

AVES

June 30 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
CHARADRIFORMES (cont.)						
Laridae (cont.)						
California Gull <u>Larus californicus</u>	0.0.1					0.0.1
Royal Tern <u>Thalasseus maximus</u>	0.0.2			0.0.1		0.0.1
Charadriidae						
Crowned Plover <u>Vanellus coranatus</u>	1.2					1.2
PSITTACIFORMES						
Loriidae						
Black-capped Lory <u>Domicella Lory</u>	1.1			1.0	-1.0	-1.0
Chattering Lory <u>Domicella garrula</u>	-0.1			-1.0		0.0
Cacatuidae						
Great White Cockatoo <u>Cacatua alba</u>	-1.1					-1.1
Psittacidae						
Eclectus Parrot <u>Eclectus roratus</u>	2.2	2.0.1		0.1		4.1.1
Meyers Parrot <u>Poicephalus m. meyeri</u>	2.2	0.0.1		0.0.1		2.2
African Grey Parrot <u>Psittacus e. erithacus</u>	1.1					1.1
Thick-billed Parrot	3.4.1	1.0.1	1.0	0.0.2		



AVES

June 30, 1986

	STATUS <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	STATUS <u>6/86</u>
PSITTACIFORMES (cont)						
Psittacidae (cont)						
White-bellied caique	1.2					1.2
<u>Pionites leucogaster</u> <u>xanthomeria</u>						
Patagonian Conure	2.4.13			0.1.1	2.3.12	0.0
<u>Cyanoliseus patagonus</u>						
Hyacinthine Macaw	1.1					1.1
<u>Anodorhynchus hyacinthinus</u>						
Scarlet Macaw	1.0	0.0.2	1.1			2.1.1
<u>Ara macao</u>	+0.1 -0.1					+0.1.1 -0.1
Blue and Yellow Macaw	1.1	0.0.3			0.0.3	1.1
<u>Ara ararauna</u>	-1.0.1					-1.0.1
Macaw	-0.1.1				-0.1.1	
<u>Ara species (hybrids)</u>						
CUCULIFORMES						
Musophagidae						
Red-crested Touraco	2.3	0.1.1		0.1.1	0.2	2.2
<u>Tauraco erythrolophus</u>						
White-cheeked Touraco	-1.0					-1.0
<u>tauraco l. leucotis</u>						
Cuculidae						
Roadrunner	1.1	0.0.1		0.0.1		1.1
<u>Geococcyx californianus</u>						
STRIGIFORMES						
Strigidae						
Western Screech Owl	1.1					1.1
<u>Otus asio kennicottii</u>						
CAPRIMULGIFORMES						
Podargidae						
Tawny Frogmouth	1.1					2.0
<u>Podargus strigoides</u>						

AVES

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
CORACIIFORMES						
Bucerotidae						
Great Hornbill	1.1					1.1
<u>Buceros b. bicornis</u>						
Jackson's Hornbill			1.1			1.1
<u>Tokus deckeni jacksoni</u>						
PASSERIFORMES						
Sturnidae						
Bali Mynah			1.0			1.0
<u>Leucospar rothschildi</u>	+0.1				+0.1	

REPTILIA

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO</u>	<u>STATUS</u> <u>6/86</u>
CHELONIA						
Testudinidae						
Aldabra Tortoise	1.1					1.1
<u>Testudo gigantea</u>						
Desert Tortoise			0.0.9		0.0.2	0.0.9
<u>Gopherus agassizi</u>	+1.1.3			+0.0.1		
Chelydridae						
Alligator Snapping Turtle	2.0					2.0
<u>Macroclemys temmincki</u>						
Emydidae						
Box Turtle	0.0.2					0.0.2
<u>Terrapene ornata</u>						
SQUAMATA						
Agamidae						
Red-headed agama			0.0.3	0.0.3		0.0.0
<u>Agama agama</u>						
Gekkonidae						
Tokay Gecko	0.3.2			0.0.2		0.0.3
<u>Gekko gekko</u>						

REPTILIA

June 30, 1986

	STATUS <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO</u>	STATUS <u>6/86</u>
SQUAMATA (cont)						
Gekkonidae (cont)						
House Gecko	0.0.2			0.0.2		0.0.0
<u>Ptyodactylus hasselquistii</u>						
Scincidae						
Prehensile-tailed Skink	-1.0	-0.0.1				-1.0.1
<u>Corucia zebrata</u>						
Blue-tongue Skink			+2.2			+2.2
<u>Tiliqua scincoides</u>						
Iguanidae						
Fiji Island Iguana						0.0
<u>Brachylophus fasciatus</u>	-1.0			-1.0		
Green Iguana			0.0.1			0.0.1
<u>Iguana iguana</u>						
Cordylidae						
Sungazer	1.0					1.0
<u>Cordylus giganteus</u>						
Armadillo Lizard	0.0.1					0.0.1
<u>Cordylus cataphractus</u>						
Helodermatidae						
Gila Monster	0.0.2		0.0.1			0.0.3
<u>Heloderma suspectum</u>						
Boidae						
Rosy Boa	0.1					0.1
<u>Lichanura trivirgata</u>						
Cooks Tree Boa	0.1					0.1
<u>Corallus enhydris</u>						
Argentine Boa	1.1					1.1
<u>Boa constrictor occidentalis</u>						
Boa Constrictor	0.0.1					0.0.1
<u>Boa c. constrictor</u>	+0.3					+0.3
Columbia Rainbow Boa	+0.1					+0.1
<u>Epicrates enchris maurus</u>						

REPTILIA

June 30, 1986

	STATUS <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	STATUS <u>6/86</u>
SQUAMATA (cont)						
Boidae (cont)						
Puerto Rican Boa	0.1					0.1
<u>Epicrates inornatus</u>	+1.1					+1.1
Haitian Boa	0.1					0.1
<u>Epicrates s. striatus</u>						
Bimini Boa	1.0					1.0
<u>Epicrates striatus</u> <u>fosteri</u>						
Haitian Ground Dwarf Boa	1.1			0.1		1.0
<u>Epicrates fordi</u>						
Green Anaconda	0.2					0.2
<u>Eunectes murinus</u>						
Yellow Anaconda	1.1					1.1
<u>Eunectes notaeus</u>						
Kenya Sand Boa	0.1					0.1
<u>Eryx colubrina love</u> <u>ridgei</u>						
Turk's Isle Dwarf Boa	1.1					1.1
<u>Trophidophis g. green</u> <u>wayi</u>						
Soloman Island Ground Boa	1.2			0.1		1.1
<u>Candoia carinata paul</u> <u>soni</u>						
Pythonidae						
Green Tree Python	1.0		0.2			1.2
<u>Chondropython viridis</u>						
Burmese Python	1.0					1.0
<u>Python molurus bivittatus</u>	+1.1					+1.1
Indian Python						0.0
<u>Python molurus molurus</u>	+0.1				+0.1	+0.0

REPTILIA

June 30, 1986

	STATUS <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	STATUS <u>6/86</u>
SQUAMATA (cont)						
Pythonidae (cont)						
Reticulated Python <u>Python reticulatus</u>	0.1					0.1
African Ball Python <u>Python regius</u>	3.1 +0.1					3.1 +0.1
Blood Python <u>Python curtus</u>	1.0			1.0		0.0
Colubridae						
Mangrove Snake <u>Boiga dendrophila</u>	1.1					1.1
False Water Cobra <u>Hydrodynastes gigas</u>	1.1					1.1
Red-tailed Ratsnake <u>Gonyosoma oxycephala</u>	0.1					0.1
Corn Snake <u>Elaphe guttata</u>	0.1					0.1
Florida Indigo Snake <u>Drymarchon coriaais</u> <u>couperi</u>	1.0 +1.0					1.0 +1.0
Black Ratsnake <u>Elaphe obsoleta</u>	+1.0			+1.0		0.0
Yellow Ratsnake <u>Elaphe obsoleta</u> <u>quadrivitta</u>			0.0.1			0.0.1
Hybrid Ratsnake <u>Elaphe obsoleta</u>	+1.0			+1.0		0.0
African House Snake <u>Boaedon fuliginosus</u>	2.2.6	0.0.4		0.0.4		2.2.6
Pacific Gopher Snake <u>Pituophis melanoleucus</u> <u>catenifer</u>	2.2.7	0.0.8				2.2.15
Florida Pine Snake <u>Pituophis melanoleucus</u> <u>mugitus</u>	1.0.2					1.0.1

REPTILIA

June 30, 1986

	STATUS <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	STATUS <u>6/86</u>
SQUAMATA (cont)						
Colubridae (cont)						
Bull Snake	+0.1					+0.1
<u>Pituophis melanoleucus</u> <u>sayi</u>						
Mountain King Snake	2.0				1.0	1.0
<u>Lampropeltis zonata</u> <u>multicincta</u>						
Mexican Milk Snake	1.2					1.2
<u>Lampropeltis triangulum</u> <u>annulata</u>						
California King Snake	0.0.2					0.0.2
<u>Lampropeltis getulus</u> <u>californiae</u>	+0.0.1					+0.0.1
Yellow-bellied Racer	0.1					0.1
<u>Masticophis l. lateralis</u>						
Crotalidae						
North Pacific Rattlesnake	1.0					1.0
<u>Crotalus viridis oregonus</u>						
Mojave Green Rattlesnake	1.0					1.0
<u>Crotalus scutulatus</u> <u>scutulatus</u>						
Sidewinder	1.0					1.0
<u>Crotalus cerastes</u>						
Broad-banded Copperhead	1.1					1.1
<u>Agkistrodon contortrix</u> <u>laticinctus</u>						
Viperidae						
Puff Adder	1.0					0.1
<u>Bitis arietans</u>						
Russell's Viper	1.0			1.0		0.0
<u>Vipera russelli</u>						
Elapidae						
Red-spitting Cobra	0.0.2					0.0.2
<u>Naja nigricollis pallida</u>						

REPTILIA

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
SQUAMATA (cont)						
Elapidae						
Egyptian Cobra <u>Naja haje</u>	0.2					0.2
Black Mamba <u>Dendroaspis polylepis</u>	0.1					0.1

AMPHIBIA

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
CAUDATA						
Salamandridae						
Oriental Fire-bellied Newt <u>Cynops orientalis</u>	0.0.2			0.0.2		0.0
Brown Newt <u>Cynops ensicauda</u> <u>ensicauda</u>	0.0.3			0.0.1		0.0.2
SALIENTIA						
Discoglossidae						
Fire-bellied Toad <u>Bombina orientalis</u>	0.0.4					0.0.4
Hylidae						
Green Tree Frog <u>Hyla cinerea</u>	0.0.1			0.0.1		0.0.0
Cuban Tree Frog <u>Osteopilus septent-</u> <u>rionalis</u>	0.0.4			0.0.3		0.0.1
White's Tree Frog <u>Litoria caerulea</u>	+0.0.6					+0.0.2
Leptodactylidae						
Argentine Horned Frog <u>Ceratophrys ornata</u>	0.0.2					0.0.2
Pipidae						
African Clawed Frog <u>Xenopus laevis</u>	0.0.1			0.0.1		0.0

OSTEICHTHYES

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
CYPRINIFORMES						
Cyprinidae						
Japanese Koi	0.0.35					0.0.35
<u>Cyprinus carpio</u>						
Goldfish	0.0.400					0.0.400
<u>Carassius auratus</u>						

ARACHNIDA

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
ARANEA						
Lycosidae						
Mexican Tarantula	0.0.1		0.0.1	0.0.1		0.0.1
<u>Aphonopelma sp.</u>						

INSECTA

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
Dictyoptera						
Blattidae						
Madagascar Hissing						
Cockroach	0.0.50	0.0.300		0.0.280		0.0.70
<u>Gromphadolina</u>						
<u>protentusa</u>						

DIPLOPODA

June 30, 1986

	<u>STATUS</u> <u>6/85</u>	<u>HATCHINGS</u>	<u>ACQUIS</u>	<u>DEATHS</u>	<u>DISPO.</u>	<u>STATUS</u> <u>6/86</u>
DIPLOPODA						
Julidae						
African millipede			0.0.6	0.0.3		0.0.3
SPP., unknown						

MAMMALS ON LOAN

June 30, 1986

To Sacramento Zoo:

0.1 Cheetah
0.3 Geoffroy's Cat
1.0 Caracal
1.0 Clouded Leopard
0.1 Mongoose Lemur
2.0 Ring-tailed Lemur
2.2 Ring-tailed Lemur
0.3 Ring-tailed Lemur
1.1 Arabian Oryx
1.0 Siberian Tiger
1.2 Indian Lion
0.1 Orangutan
1.1 Francois Monkey

From Sacramento Zoo:

1.1 Wallaroo
1.0 Gorilla
1.0 Ring-tailed Lemur

1.0 Spotted Leopard
0.1 Eland

1.1 Eland
2.0 Llama
2.0 Geoffroy's Cats
1.1 Golden-Bellied Mangabey

1.1 Golden-Bellied Mangabey
0.2 Addra Gazelle

From:

Detroit Zoo
Lincoln Park Zoo
San Francisco Zoo
Los Angeles Zoo
Mesker Park Zoo
Roger Williams Zoo
Los Angeles Zoo
San Diego Zoo
Los Angeles Zoo
Louisville Zoo
Knoxville Zoo
Brookfield Zoo
San Francisco Zoo

From:

Micke Grove Zoo
Los Angeles Zoo
Gene Reid -
 Zoological Park
Los Angeles Zoo
Rio Vista Wildlife
 Preserve
Foothill Farms
Bob Frost Ranch
Santa Barbara Zoo
Lion Country -
 Safari - Fla.
Santa Ana Zoo
Wildlife Safari, OR

BIRDS ON LOAN

June 30, 1986

To Sacramento Zoo:

0.1 Scarlet Macaw
0.1 Thick-billed Parrot

From:

Los Angeles Zoo
Sonoran Desert
Museum

From the Sacramento Zoo

1.0 White-checked Touraco
0.1 Humboldt's Penguin
0.2 Black Swan
0.1 Black Swan
0.0.1 Blue and Gold Macaw
1.0 Blue and Gold Macaw
3.4 Chilian Flamingo
1.0 Ostrich
1.1 Great White Cockatoo
0.1 Scarlet Macaw
1.0 Thick-Billed Parrot
1.2 Nene goose
0.0.1 Hybrid Macaw
0.1 Hybrid Macaw
0.1 Blue Fronted Macaw
0.1 Black capped lory

To:

Fresno
Washington Park Zoo
Rick Rundell
Lodi Micki Grove Zoo
Max Allen Zoo
Mark Thormahlen
Micki Grove Zoo
Barry Beymer
Mark Thormahlen
Micki Grove Zoo
Sonoran Desert Museum
St. Louis Zoo
Susan Healy
Laurie Neville
Mark Thormahlen
Cristo Aviaries

REPTILES ON LOAN

To Sacramento Zoo:

0.1 Yellow Ratsnake
1.1 Puerto Rican Boa
1.1 Burmese Python
0.1 Indigo Snake
0.1 Bull Snake
0.3 Boa Constrictor
1.0 Black Ratsnake
0.1 Colombian Rainbow Boa
0.1 African Ball Python
0.0.9 Desert Tortoise
0.0.1 California King Snake
0.0.6 White's tree frog
2.2 Blue tongue skink

From:

Sam Bacchini
Jacksonville Zoo
Bill DeJesus
Bill DeJesus
Bill DeJesus
Bill DeJesus
Bill DeJesus
Bill DeJesus
Bill DeJesus
Bill DeJesus
Houston Zoo
San Diego Zoo

From Sacramento Zoo

1.0.1 Prehensile-tailed Skink

From:

Philadelphia Zoo

THE FUTURE OF SACRAMENTO ZOO

ZOO - 2002

The future of the zoo is beginning to take form as we continue site development plans and long-range goals.

The Zoological Society, the zoo staff, and independent consultants have all contributed to this Master Plan for the zoo. Preliminary plans show many new and exciting exhibits for our zoo as well as much improved visitor services and off-exhibit work areas. The following is a brief description of the new Sacramento Zoo:

Primate Discovery

From the entrance to the current orangutan exhibit will be exhibits to house ten diverse species of primates including golden lion tamarins, ruffed lemurs, gibbons, mandrills and of course our chimps and orangutans. Indoor facilities will house the smaller and more delicate species as well as interpretive graphics.

African Savannah

Zebra, giraffe, and elephants will be the central theme of this area. Bat-eared fox, hyrax, savannah birds, and meerkats will also be present. Exhibits for cats from the savannah, i.e.: serval, caracal and leopard will be included in the savannah area and be adjacent to the rare feline area.

Rare Feline Propagation Center

On both sides of our present lion and tiger exhibit will be exhibits for endangered species of cats. Behind-the-scenes facilities will provide sufficient holding areas for extra males, pregnant females and offspring awaiting placement to other zoos.

The Sacramento River

Grizzly bears, beaver and river otters will be the prime mammalian species in this section. Aquariums will provide a look under the surface of the Sacramento River. Underwater viewing of the otters will be an important feature of this area. A large flight cage will contain Canada geese, wood ducks, herons, and other birds found along the river.

Nile River

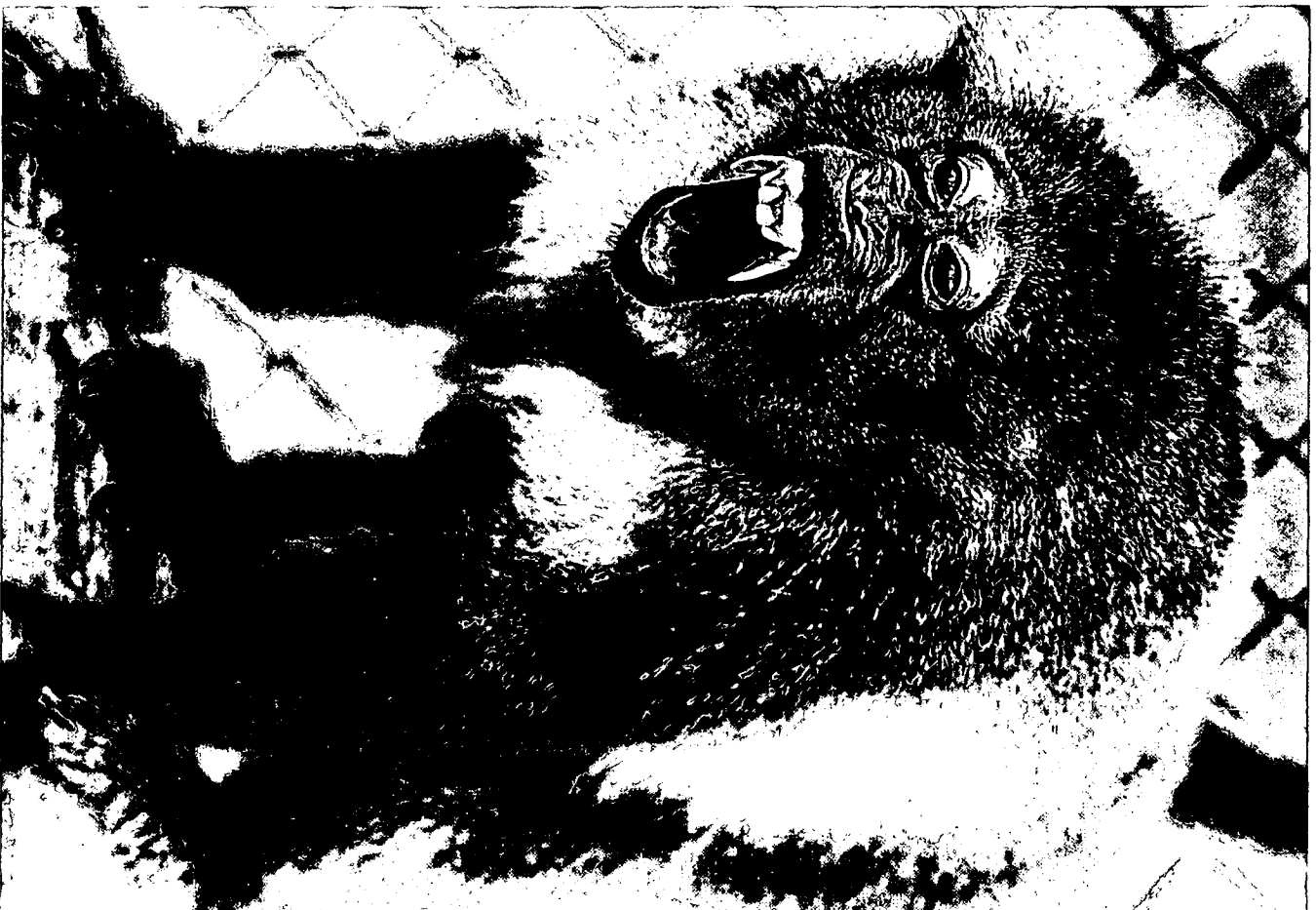
Zoo visitors will have the opportunity to compare the ecology of the Sacramento River with that of the Nile. While the African fish eagle and the American bald eagle are similar in feeding habits and appearance, there is nothing like the hippopotamus anywhere in the world but Africa. Along with hoofed animals associated with the river, i.e.: the sitatanga and red duiker, crocodile and saddlebill stork will be key species in this area. A large flight cage will house sacred ibis, hammerkop, giant kingfisher and weaver birds.

Lake Victoria

An attractive outdoor/indoor cafe will be situated between the present reptile house and a new feature of the zoo, "Lake Victoria". This 3/4 acre lake will be the home of our flamingos, pelicans, maribou storks and white-faced tree ducks.

The new zoo will also contain an avian propagation center, an expanded reptile area with displays for Aldabra tortoises and alligator snapping turtles, a veterinary hospital, a new education center, a parrot pavilion an expanded gift shop, an outdoor 200-seat theater, and a much-expanded picnic area.

Unfortunately, we will not have room for many new species at the zoo and we will no longer display cheetahs, polar bears, or wallaroos. Although the Sacramento Zoo in the year 2002 won't be the BIGGEST zoo, it certainly will be one of the BEST!



Golden-bellied Mangabey