Vol. 14, No. 3

#### by Diane Ledder Associate Director of Education

azing into the clear brown eyes of the chimpanzees several feet across the moat, one perceives another intelligence, another culture; foreign, but in many ways similar to our own. Recent research has shown the chimpanzee to be man's closest living relative. Similarities among blood groups, proteins, chromosomes, and DNA reveal a shared evolutionary past. Social behavior, play, and communication via a vast array of vocalizations, gestures, and facial expressions also remind us of ourselves.

The scientific name of the chimpanzee, Pan troglodytes, reflects the early explorers' initial impressions of the animals: Pan, from the half-man/half-animal Greek god of nature, and troglodytes, Latin for "dwellers in dark caves." In actuality, the chimpanzee dwells in the African tropical rainforest and forest-savannah complexes from Guinea east to Uganda, and south to the shores of Lake Tanganyika in Tanzania.

May/June

Chimpanzees partition their time between the trees and the ground, with youngsters being the most agile climbers, often brachiating from branch to branch. Most travel takes place on the ground, in a quadripedal fashion, although they may also stand upright and walk bipedally for brief periods. Chimps are primarily diurnal, spending 6 to 8 hours per day feeding on fruit, leaves, blossoms, stems, bark, resin, honey, insects, eggs, and meat. They may cover an area of from 1 to 9 miles per day while foraging. The animals are most active during the early morning

and late afternoon, with a quiescent period at mid-day. At night, chimps make individual nests of vegetation in the trees to sleep.

Of the three species of great apes (chimpanzee, orangutan, and gorilla), the chimpanzee is the most social. Chimp society is very fluid and extremely complex when compared with other primates. Large groups of 30 or more individuals divide into temporary and constantly changing subgroups. Dominance hierarchies are formed within the groups, with rank depending on size, age, and relationship to dominant animals. Males tend to be more gregarious than females, except when females are in estrus.

Breeding is non-seasonal, occuring



Ryder System, Inc. are sponsors of the Metrozoo chimpanzee exhibit



throughout the year. The female's estrus cycle lasts from 34 to 35 days. During the period of maximum receptivity, she develops a prominent genital swelling, which attracts the male. After a successful breeding, a gestation period of approximately 230 days results in the birth of a single baby, weighing about 4 pounds. Although it is rare, twinning has been recorded in chimpanzees. Initially, the baby travels everywhere with its mother. For the first six months of its life it will cling to its mother's stomach, then when muscular development permits, it will transfer to her back. Infant chimps possess a characteristic tuft of white hair on their rumps which seems to identify the infant as an inexperienced and vulnerable member of society. Adult chimps are extremely tolerant of the antics of the youngsters. Bonds between a mother chimp and her offspring are very strong and may persist for life. Both male and female chimpanzees reach puberty at approximately 7 years of age, but females usually don't give birth until 13 years of age. Longevity in the wild may exceed 50 years. Adult chimps may stand from four to over five feet tall when fully erect. Males usually weigh from 120 to 170 pounds when fully grown; females are smaller, weighing from 100 to 150

Chimpanzees have historically been a favorite animal for exhibition in zoos, menageries and circuses. Although their antics are entertaining, chimps dressed in human clothing and performing as clowns do a great injustice to the public's understanding of this species. Most chimps used for promotional and entertainment purposes are immature animals.

As adults, these animals are extremely strong (adult males may have the strength of 5 human males) and can be very aggressive and dangerous. Young chimps raised by humans may also have difficulty adjusting to chimpanzee life when returned to chimp society as young adults

Chimpanzees have also been the subject of intensive study in captivity since 1912, when psychologist Wolfgang Kohler established a colony of animals through the Prussian Academy of Sciences in the Canary Islands. Kohler's research dealt with the intellectual capacities of chimps as compared to man, with emphasis on problem-solving abilities. In the United States, psychologist Robert Yerkes established a chimp research program at the Yale Laboratory of Primate biology. Studies conducted by Yerkes and his co-workers in the 1920s and 30s added much information to our understanding of chimp behavior. In the following years, there was increased interest in chimpanzee behavior: Researchers took to the field in Africa, raised chimps in their homes, taught chimps to operate

computers, taught them sign language, and launched them into space.

No one has contributed more to our knowledge of chimpanzees in their natural habitat however, than Jane Goodall. Her longitudinal studies (research which takes place over a long period of time to observe development and interaction in long-lived species) have been critical to our understanding of these animals. If Goodall had left the field after only 10 years of study, as her mentor Louis B. Leakey originally intended, we would have a very different picture of chimpanzee life today. Studies over a limited period of time during the 1960s had created the image of the chimp as a docile, herbivorous animal, showing little evidence of hostility. As a result of her persistence, Goodall discovered the complexities of social groups; violent aggressions between troops of animals; tool use; hunting for meat; and occasionally, infanticide and cannabalism. Also discovered were the strong bonds between family members; cooperation among adult males for hunting and defense; the advanced cognitive abilities of chimps; and cultural traditions, passed from generation to generation. Twentyeight years of continuous study have resulted in one of the world's greatest contributions to our knowledge of another species. The endangered chimpanzee will undoubtedly benefit from Dr. Goodall's incredible effort.

Members of the Zoological Society and the South Florida community will have the privilege of hearing Dr. Goodall speak about her research at Metrozoo on Sunday, May 8th at 7:30 p.m. Tickets will be \$10 for members and \$15 for nonmembers. A reception will be held immediately following the lecture, which will give participants the chance to meet her. Dr. Goodall's most recent books will be available for purchase and signing at the reception. Seating is limited, so call the Education Department at 255-5551, or complete the registration form below to reserve a place for this memorable event.

Participant's Name		<u> </u>	
Street Address			
City	State	Zip	
Home Phone	Bus. Phone		
Program(s):	Date:	Fee \$	
	Date:	Fee \$	
Member Membership #	Nonmember	Fee \$	_
Mastercard Visa Amer. Exp. Expirate Date		TOTAL	_
Card #	Signature		

An anxious crowd awaits the appearance of Koobor, the koala. Koobar, Metrozoo's male koala perches in his eucalyptus tree much to the delight of his adoring fans.



Koala mania spreads through Miami. This beautiful koala billboard donated by Ackerley Communications watches over airport traffic on Lejeune Road.

# Koalas take up Residence

March 18, marked the unveiling of the \$600,000 state of the art koala exhibit and its new inhabitants. Metrozoo's newest residents, three eucalyptus eating koa-

las were met by an enthusiastic crowd.

Over 400 donors and members came to the zoo to participate in the opening ceremonies which included a Dade County Proclamation given by Commissioner, Clara Oesterle.

The Zoological Society would like to thank the Board of Directors, Board of Trustees, donors and members who made this significant exhibit a reality.

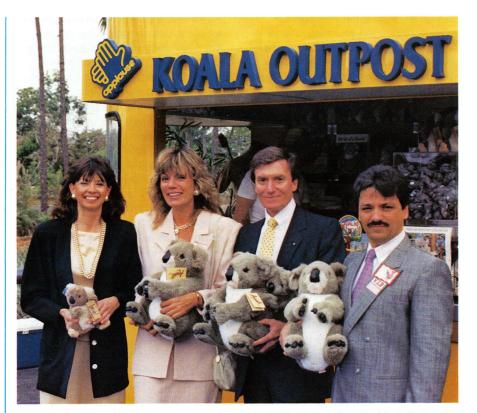
If you haven't been outback to Metrozoo to see our latest arrivals, all you blokes stop by and help us make them feel at home.



Zoological Society docents anxiously await the koala's arrival at Miami International Airport. The koala's first class voyage was generously donated by Eastern Airlines.



Dr Herbert and Nicole Wertbeim, the major benefactors of the koala exhibit are pictured with Dade County Commissioner, Clara Oesterle.





# Toucan Trader's Choice

We are very proud to celebrate the opening of the Applause Koala outpost, located at the koala exhibit. Throughout the marketplace, Applause is recognized as the industry leader in trend setting, design, and commitment to quality. Kiwi, the mascot of the store, was chosen from the assortment of koalas available in the Applause lines.

Other merchandise available in the Outpost includes the commemorative t-shirt and poster, an assortment of books and note cards, jewelry, key chains, plus lots of small koalas, including clip-ons.

Remember, since the Zoological Society is a non-profit organization, your purchases go toward the support of the zoo. Members are entitled to a 10% discount on all gift shop purchases totalling \$10.00 or more.

We hope to see you soon at the Applause Koala Outpost!

(Front row left to right) Jeanette Pineda, Assistant Manager, Pat Meacham, Manager, Betty Richardson, Letty Jurado. (Back row) Jay Kline, Marjorie Arden, Director of Merchandise, and Dee Shannon.

The new Automatic Teller Machine at Metrozoo is in working order. Pictured from left to right are: Assistant Director of Metrozoo, Al Fontana, Assistant Vice President of Sun Bank, Alicia B. Acosta, and President of Sun Bank, Robert H. Coords

Lori Bruckheim, Zoological Society "Outreach" Coordinator with "Toco II".

Editors Note: Due to the Newsletter deadline, we were unable to highlight Feast With The Beasts in the May/June issue. However, look for a photo spread on the "Fantastic Feast" in your next issue of Toucan Talk.



# Summer Fun at Metrozoo

# Programs for Children

#### Zoo After School

Animal adventures await kids at the zoo. Teachers, animals, and zookeepers introduce kids to a variety of animal topics.

June: "Creature Feature": koala

DATES: HOURS: June 1 or 15 3:30-5:00 p.m.

FEE:

\$8-Members/\$10-Non-

members

#### Jungle Juniors

GRADES: 1-3

Jungle Juniors will spend their mornings discovering the zoo and its workings in many ways. By entering the zoo before regular hours, they will observe zookeepers on the job, and learn how our animals are fed and cared for.

DATES: June 27-July 1 (plus program)\*

August 1-5

HOURS: 9:00 a.m. to noon

FEE: \$75-Members/\$85-Non-

members

#### Summer Safari

This is a summer version of our Junior Zoologist program: it is for young teens, interested in careers in zoology or veterinary medicine. The program gives the student a week-long introduction to the care of captive animals and animal-related careers.

DATES:

August 8-12

HOURS: 1:00-4:00 p.m.

\$75-Members/\$85-Non-FEE:

members

#### Toucan Team

This is a special 1-week session of our teen volunteer program. After completing the course, participants will be eligible to serve as our junior counselors for our summer programs.

DATES: June 20-24 HOURS: 1:00-4:00 p.m.

\$75-Members/\$85-Non-FEE:

members

#### Zoocamp

GRADES: 4-6

Zoocampers will become amateur zoologists while gaining an appreciation for the functions of a modern zoo. They will learn from the Education staff, as well as from the zookeepers, and the animals themselves. Campers should bring a brown bag lunch Monday through Thursday; Friday we will provide lunch with the zookeepers.

DATES: HOURS:

July 18-22 (plus program)\*

9:00 a.m. to 3:00 p.m. FEE: \$95-Members/\$105-Non-

members

## Programs for Families

#### Two for the Zoo

This program provides animal oriented activities for parent and preschooler together. Visits with some of our smaller animals, and an electric cart "safari" to the exhibits are featured in this program.

June: koalas

DATES:

June 1 or 15 HOURS: 9:30-11:30 a.m.

\$10-Members/\$15-Nonmembers; \$5 per extra child

#### Breakfast with the **Beasts**

What a way to start the day! Enjoy the beauty of the zoo in the early morning while having your breakfast, then learn what some of our animals eat, and why. You'll also meet one or two of our smaller "critters".

DATES:

June 19

HOURS: 8:00-10:00 a.m.

FEE:

\$10-Members/\$15-Non-

members

COMPLETE THE REGISTRATION FORM BELOW, OR CALL THE EDUCATION **DEPARTMENT AT 255-5551 TO** REGISTER.

#### Programs for Adults

#### Supper Safari

The last Supper Safari of the season will be held in June. Enjoy wine and cheese at the koala exhibit, listen to the koala keeper's inside story on the animals, and enjoy a delicious chicken kabob dinner under the stars.

DATES:

June 18 HOURS: 6:00-9:00 p.m.

FFF.

\$20-Members/\$30-Non-

members

#### Biology of Captive Wildlife

This is a three-credit undergraduate course offered through the biology department of F.I.U. It is designed to introduce both science majors and nonscience majors to the biology and management of captive wildlife. Lectures will be given by the Zoological Society education department and Metrozoo staff, and will include discussions of behavior, nutrition, veterinary medicine, research, and management as they apply to the study of captive exotics. Students will tour off-exhibit facilities such as the quarantine and breeding areas, nighthouses, and holding areas. Registration for the course is through F.I.U. The course number is ZOO-3892 (off campus) course.

DATES: Summer session B

Tuesdays and Thursdays, June

30-August 11

HOURS: 4:00-7:00 p.m.

FEE:

\$30-Members/\$40-Nonmembers PLUS F.I.U. tuition

Participant's Name		
Street Address		
City	State	Zip
Home Phone	Bus. Phone	
Program(s):	Date:	Fee \$
	Date:	Fee \$
Member Membership #	Nonmember [	Fee \$
Mastercard Visa Amer. Exp. Expirate Date		TOTAL
Card #	Signature	

For Camp and Children's F	rograms, please complete the following:	
Parent's Name		
Student's Age	Grade in school (as of Sept '87)	

# On the Wings of History



Visitors certainly get a lift out of the Weeks Air Museum which contains a very rare collection of war birds; most maintained in flying condition.

The museum, dedicated to the preservation and restoration of aircraft from the beginning of flight through the end of World War II is a fascinating place to visit.

All the museum's planes are historical; however, some are more famous than others. The collection boasts some Hollywood models including a P40 used in the movie "1941", and planes that appeared in "The Great Waldo Pepper". A Sopwith Camel, which is "Peanuts" character Snoopy's favorite plane is also displayed.

You won't want to miss out on one of Miami's best kept secrets and you, as a member of the Zoological Society, can visit the Weeks Air Museum at a 20% discount. The Weeks Air Museum is just one of eight organizations that are offering our members a discount on admission.

The others include: The Center for the Fine Arts, the Miami Seaquarium, the Museum of Science and Space Planetarium, the Discovery Center, Vizcaya, the Historical Museum, and the Gold Coast Railroad.

To receive your 20% discount on admission, you must show your valid Zoological Society membership card with proof of identification. The discounts apply to regular admission only, and may not be used in combination with any other discounts or for special engagements.

Fly through history at the Weeks Air Museum located at Tamiami Airport, 14710 S.W. 128 Street, Miami, Florida 33186. Museum hours are Wednesday through Sunday, 10 a.m. to 5 p.m.

# 

May and June are traditionally Adoptan-Animal months at Metrozoo. It's natural because we celebrate Mother's Day in May and Father's Day in June giving you the opportunity to become a llama's ma, bear's pa, chimp's chum, even a Bengal's buddy! Throughout the year, it means that you are part of one of the most worthwhile programs at Metrozoo, The Zoological Society of Florida's Adopt-an-Animal family. We're presently 300 strong, and growing every day.

This program is very special because it gives everyone - individuals, schools, businesses, clubs, organizations - a chance to participate in Metrozoo's growth in a very personal way. Fees range from \$25 to \$2,500 and if you adopt an animal for \$200 or more, your name will be added to our Commitment to Wildlife Board located near the main entrance. In addition, every "parent" receives a special certificate of recognition.

Your contribution is tax deductible and you get that warm feeling, knowing that you have directly helped defray the cost of feeding and maintaining the animal you are supporting. The adopted animal remains fully in the care of Metrozoo and the Zoological Society of Florida.

If you are looking for that special "something" for someone you care about, or for the person who has everything, it's a wonderful gift for any occasion.

If you are already a zoo parent, you still have time to make reservations for the Adopt-an-Animal Mother's Day breakfast on May 8th, featuring Jane Goodall as our guest of honor. This breakfast is restricted to those enrolled in the adoption program and reservations are a must. Break-



fast will begin at 8 a.m. and the cost is \$12.00. If you would like to participate and are not an adoptive parent, there is still time for you to become part of our family. Call Elizabeth Steigerwald at 255-5551 for details.

Starting with the next issue of "Toucan Talk," we will be featuring some of the animals available for adoption, plus interesting and educational reasons why an animal may be the special one for you. We will also profile some of our very special parents.



Our corporate brochure has for many years called Metrozoo a "living investment" and I would like to pay tribute to several people who, posthumously, have continued that tradition by making the Society the beneficiary of bequests in their wills and memorial funds.

Renata Mahan was a member of the Society since 1967 and was a staunch supporter of our Adopt-an-Animal and year end campaigns. In December of 1986 she made a substantial contribution to the Christopher A. Weeks Animal Clinic. Renata was a very shy, retiring person and she requested that no publicity be attached to her gift. Her health declined and in June of 1987, she passed away. The Zoological Society of Florida was named as a major benefactor at the reading of her will, and we inherited a legacy of blue chip stocks and bonds that continue to increase in value today truly, a living investment.

Dorothy Hammerstein, resident of Naples, Florida was an animal lover all of her life. Her particular passion was the comfort of animals in captivity and the education of young people to conservation needs. She believed in Metrozoo's commitment to conservation, education, research and recreation and made a substantial bequest to the Society, specifying that it be used for educational purposes.

Dorothy Wilson was another long time member of the Society who lived very close to the zoo and spent many hours here. Her legacy to the Society was her entire estate, including cash and property.

Isadore Tendrich passed away several years ago and in his memory, his wife Helen and son Howard, past member of our Board of Directors and member of our Board of Trustees, established the Isadore Tendrich Memorial Fund. Upon the death of a relative, friend or acquaintance, a donation is made to the Society in that person's name and becomes part of the Isadore Tendrich Memorial Fund. Over the years substantial dollars have been generated and it remains a wonderful tribute to a man who was so dearly loved.

In early March, we lost a great friend in Michael Kevorkian, President of the

Society 1974-1975. Michael was a graduate of the University of Miami in 1951 and was a teacher who served the Dade County Public schools for 22 years. Michael's association with the zoo and Society for so many years were notable by the many things he helped accomplish. From Jacques Cousteau's first visit to Miami; the purchase of two baby elephants the acquisition of Princess, our first white tiger; the relocation of the zoo from Crandon Park to Metrozoo - he was always part of the action and magnificent development. A memorial fund has been established in Michael Kevorkian's name ensuring that he will keep giving to the Society and Metrozoo.

These five very special friends were pioneers in this unique form of giving, new to the Zoological Society. Let us never forget these individuals and the contributions they have made.

A "living investment" is a very serious trust and one that the Society takes very seriously. Gifts that keep on giving ensure that our important support of Metrozoo will continue. Should you be interested in participating in this type of program, please call our development office, 255-5551.

#### Development Campaign Update

We are at the midpoint of our fund raising campaign for this year and Development Committee Chairman Lawrence O. Turner, Jr. and Co-Chirman Hank Luria are extremely pleased with the initial results. Many corporations have stepped forward and committed their financial support to the Zoological Society and Metrozoo, but we still need additional dollars to complete the projects planned for this year.

It is through donations from individuals, corporations, and foundations that the Society is able to support the zoo with funds for capital projects, such as the recently completed Dr. Herbert and Nicole Wertheim Koala Exhibit; educational programs that last year reached over 66,000 students; continued support of Metrozoo's animal conservation programs.

We are still in need of sponsors to help fund the building of the children's zoo. We thank the following corporations and individuals for kicking off the children's zoo campaign:

Texaco Corporation, sponsoring the ecology theater; The Knight Foundation, underwriting the animal holding paddocks; The Grad Family for funding the animal contact yard; L. Luria & Son for supporting the elephant show; Dr. Herbert and Nicole Wertheim Foundation for the challenge grant for the otter exhibit.

We would also like to thank the following corporate benefactors for their commitment of \$5,000 or more to this year's campaign:

American Bankers Insurance Corporation American Express Avanti/Applause Baptist Hospital George Barber and Associates Barnett Bank

Chase Federal Savings and Loan City National Bank Coral Reef Hospital

Deloitte, Haskins & Sells Grant Hospital

Kodak Corporation

L. Luria & Son

Paul, Landy, Beiley and Harper

Pet Care Racal-Milgo

Rainbow Automotive

Ryder System, Inc.

Silver Eagle Distributors, Inc.

Southern Bell

South Motors Sportservices

Sun Bank Texaco

Trace America

Weston

For more information on how you can become involved, please contact the development office at 255-5551.

#### **Executive Committee**

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Editor: Lisa Amaro Design: Lee Kline

#### Airline Flight Attendent leaves \$100,000 to Zoological Society

by Rosemarie Twinam

How could she afford to do that? By enrolling in the Zoological Society of Florida's "Beyond the Rainbow" Life insurance plan.

What makes this plan so unique? The most innovative aspect of the program is that everyone benefits.

Metrozoo benefits ... Metrozoo is a center for wildlife conservation, research, and education. It provides a beautiful recreation area for residents and tourists of the area. Its continued growth and development are vital to this community. Being a County facility, funds for expansion are not always available. As a Docent/Volunteer for the Zoological Society of Florida, I have become acquainted with the outstanding contributions the Society has made in its support of Metrozoo. Many of the premier exhibits which make our zoo one of the finest in the world are provided by the Society.

The Zoological Society of Florida benefits ... in order to participate in future projects, the Society must be able to make long range financial plans. It is essential to assure an income of funds sufficient to met the needs of Metrozoo. By insuring my life with the Society as the beneficiary, I can help to provide for that future. In addition, the amount which I can make available is many times what I could afford to donate during my lifetime.

My husband and I benefit ... in our careers, we are reaching our greatest earning potential. However, in the next five to seven years, we will both retire. It would not have been possible for me to enroll in a program with an extended payment plan, but the schedule for the payment of premiums for the *entire* policy is only FIVE YEARS. After that, the interest which has accrued will pay any future premiums.

Years ago we made provisions for each other, and for other family members, through wills and life insurance policies. "Beyond the Rainbow" gives us the opportunity to leave a sizeable gift to the Society without decreasing those bequests in any way.

At first, my husband was not happy with my decision to enroll in this program. It raised the question of my and perhaps his, mortality. Upon further reflection, he is now as enthusiastic as I am. He feels it will be a fitting memorial to me.

"Beyond the Rainbow" tailors each plan to the individual, depending on the amount of the policy. This is an excellent opportunity to help support Metrozoo through a gift to the Zoological Society of Florida!

If you are interested in additional information on how you can participate in this program please contact the development office at 255-5551.

## Calendar of Events

May 8

Adopt an Animal Mother's Day Breakfast with Jane Goodall 8 a.m. under the entrance trellis Cost \$12/reservations required

May 8

Jane Goodall Lecture Metrozoo/7:30 p.m. Cost \$10-Members/\$15-Nonmembers

May 1-June 18

3rd Annual Photo Contest

Oct 8

The Hunt Returns to Metrozoo Look for more information in your upcoming Toucan Talk.

\*Don't forget to register for summer camp!

1988 BMW Tennis Plus Challenge May 21, 22, Courts at the Falls

Reebok 🎛

South Motors BMW

#### Volunteer Training

Summer training for Zoological Society of Florida docents will begin again in May. If the zoo is one of your favorite places to be and you enjoy meeting new people, consider making a difference as a volunteer. The classes will be held Tuesday and Thursday mornings, May 31 through July 12. For more information call Ruth Hamilton, the Volunteer Coordinator at 255-5551.

#### The 3rd Annual Photo Contest

Shutterbugs get ready for the 3rd Annual Photo Contest.

Registration forms can be picked up at the Zoological Society's Membership Booth located at the zoo entrance, in the main gift shop and at the information perch'beginning May 1st. The actual registration will be held at Metrozoo between Saturday, June 11 and Saturday, June 18. At that time registrants should return their entries along with the required donation of \$10 per print to the volunteers stationed at the zoo's entrance.

Both black and white and color prints will be accepted. All photographs should be mounted either flush or with a border and print size should be at least 11" x 14" but not larger than 20" x 30".

For more information call the Special Events desk at 255-5551.

REMEMBER: Do not leave home without your membership card

**Zoological Society of Florida** 

12400 S. W. 152nd Street Miami, Florida 33177 (305) 255-5551 Nonprofit Organization U.S. Postage

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