

Toucan Talk

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The newsletter of the Zoological Society of Florida a non-profit organization supporting Miami Metrozoo

KOMODO DRAGON, the modern dinosaur

by Bill Zeigler, General Curator

he Komodo monitor was only a rumor to western man for many years Shrouded in mystery and isolated by i

rumor to western man for many years. Shrouded in mystery and isolated by its remote habitat, only tales of giant dragons with fearsome teeth and claws reached Europe and North America. Finally, in 1910, a Dutch officer named Van Styn, living in Java, mounted an expedition to confirm the terrible animal's existence. In doing so, he shot two of them and presented them to a Dutch zoologist named Ouwens.

From the skins, Ouwens wrote the first scientific description of the creature and named it *Varanus komodoensis*. Since that time, it has been commonly called the Komodo dragon.

No fewer than 26 expeditions have been mounted to study the Komodo monitor. The most comprehensive study was done by Dr. Walter Auffenberg of the University of Florida, who on three visits totalling 53 weeks, produced the best known publication to date. Those of you who are interested should be able to find the book at your local library. It is titled "The Behavioral Ecology of the Komodo Monitor" by Walter Auffenberg, published by the University Press of Florida, Gainesville.

The 27th expedition to study this fascinating creature will begin this year, with the support of the Smithsonian Institute, as part of an overall project supported by the Komodo Monitor Consortium. Metrozoo has been part of this Consortium since 1984.

The Komodo monitor actually lives on three islands. They are Komodo Island, Rintja (pronounced Rincha) Island, and the island of Flores. All of these islands are part of the Lesser Sunda Islands, which belong to the Republic of Indonesia. They are located approximately 200 kilometers east of the island of Java, and 300 kilometers northwest of Australia. They are semi-tropical with mixed hardwood forests and open savannas, resembling southern California with its rolling hills.

The species is listed on the United States Department of the Interior Endangered Species list and on the Convention on International Trade in Endangered Species (CITES), Appendix I. The Komodo monitor's fame is due, of course, to its size. It is the largest lizard in the world, but its size has been greatly exaggerated. Lengths of 12 to 15 feet have always been reported. Actually, to date, the longest verifiable length has been 10¹/₂ feet. This was an animal maintained at the St. Louis Zoo many years ago.

Today, the average length of the Komodo monitor is around $8\frac{1}{2}$ feet. It can weigh up to 300 pounds depending upon when it had its last meal.

The Komodo monitor is the top predator in its habitat and has been known to take down wild boar, deer and buffalo. It will eat just about anything it can catch, including young Komodos. The mouth of the Komodo has 64 teeth, all serrated and laterally compressed, ideally suited



for cutting flesh. The mouth also contains a virulent bacteria population due to the bits of decaying flesh left after meals. These bacteria cause any wound to become quickly infected. Thus, even if the monitor only wounds its intended prey, the victim will eventually die due to the infection. The resulting carcass is then available to a host of animals, including other Komodos. Its feeding strategy therefore, plays an important role for other scavengers on the islands.

The female of the species is usually smaller, averaging $5\frac{1}{2}$ to $6\frac{1}{2}$ feet. When she is ready to lay her eggs, she will excavate a nest cavity, usually along the bank of a stream. The cavity, or den, will vary in depth but averages 30 inches. The clutch size can be as high as 20 eggs or as low as 8 to 10. Once they are deposited, the female will then close the den. The eggs will incubate for about 8 months (240 days).

The young, when hatched, average 12 inches. As soon as they hatch they head for the trees, spending the first two years of their lives as arboreal lizards. This serves two purposes. First, their food during this time consists of insects, beetles and smaller lizards, many of which are found in the trees. The second reason is one of survival. Other larger monitors will quickly eat them if caught on the ground.

At the age of three, or when the young monitors reach about 3¹/₂ to 4 feet, they begin their terrestrial life, although they



must still be cautious around bigger animals.

Metrozoo, along with the National Zoo, Dallas Zoo, Philadelphia Zoo, Cincinnati Zoo and the Gladys Porter Zoo in Brownsville, Texas, have joined together to develop an in-situ and ex-situ conservation program for the Komodo monitor. The project includes the training of zoo staff in Indonesia in reptile husbandry; the design of facilities for breeding in the Jakarta Zoo and the Surabya Zoo on the island of Java; training of wildlife department personnel on the island of Komodo; improvements in facilities on the island; purchase of equipment and supplies to aid the wildlife officers on the island.

At the same time, we will attempt to develop a captive breeding program in North America that will act as a supplemental effort to the work of the Indonesians.

To date, two pair of Komodo monitors have already come into the United States and are on public display at the National Zoo and the Cincinnati Zoo. Metrozoo hopes to acquire animals sometime in 1991. Because negotiations with developing nations frequently require time and diplomacy, no specific schedule has been established to date. Our patience will be well rewarded, in the not too distant future, when Metrozoo will display the Komodo dragon, one of the most fascinating, unique creatures in the world.

Prehistoric Sea Monsters Coming January 13 Through Sunday, April 7

The ancient seas were full of strange and exotic creatures. These prehistoric, seagoing creatures were as diverse and perhaps even more fascinating than any other creatures, living or dead, including the dinosaurs that once roamed the earth. Although some of these creatures still remain unknown, many have been identified. Through the magic of Dinamation's Sea Monsters, seven of these legendary creatures will be brought to life for 12 weeks at Metrozoo from January 13 through April 7.

Realistic in their setting, as well as in their appearance, the Sea Monsters are actual-scale replicas of these horrifying creatures, ranging in length from 6 to 37 feet. The robotic displays come to life as they role their eyes, open and close their jaws, and become animated before your very eyes.

The experience begins by passing through a deep, dark fog, and entering into the mysterious undersea world of prehistoric times. Visitors will be fascinated as they see what could be considered the world's first "armored submarine," the Dunkleosteus, a monstrous fish that swam Devonian seas some 400 million years ago. They will also thrill as they pass by the giant squid, the Architeuthis, who was the subject of many legendary tales until it was officially "discovered" in 1857. Other creatures in the exhibit include the Kronosaurus, the Elasmosaurus, the Basilosaurus, the Tylosaurus, even the Great White Shark.

After winding their way through this mysterious world under the sea, visitors are free to enter another display area where they will find a room of eight hands-on exhibits which will enable the curious to explore such phenomenons as (1) the weight of water, (2) a fish bladder, (3) forms in water, (4) the Bernouili ball, (5) water pressure, (6) vortex, (7) behavior of light in water, and (8) breathing with gills. These educational and ancillary devices are an integral part of the show as they teach basic marine science concepts.

The Prehistoric Sea Monsters exhibit will be fun for kids and adults of all ages...but it also has a serious purpose: To get people excited about science! The National Science Foundation estimates that at our present rate, the United States will be short about 400,000 scientists and engineers by the year 2000. In addition, it has been found that many young people who could fill those roles stop studying the sciences long before they reach college. Sea Monsters is the kind of program designed to stimulate interest and provide an incentive for future scientists.



photo by Bruce Mathews

Years of research, sculpting, engineering, and design have taken place to make these creatures open their eyes and gaze onto a gallery of curious visitors. See for yourself just how big the Sea Monsters really were as you step back in time a hundred million years.

The exhibit will be **open every day 9:30 A.M. to 5:30 PM.**, last ticket sold at 4:00 PM. It will run from **Sunday**, **January 13, 1991 through Sunday**, **April 7, 1991.** The cost will be \$5.00 per adult and \$2.50 per child, children under three admitted free. Zoological Society members will receive a special admission rate of \$2.00 per person, children under three admitted free.

President's Message...

This is my initial message to you as President of the Society, and it gives me great pleasure to report some very exciting news. In the past, Society support to Metrozoo has focused on the construction of new exhibits. This year however, our attention will be given to one of the most important species, Homo sapiens, the men, women and children who visit and support this facility and who deserve to do so in comfort.

A year ago, I became Chairman of the newly formed Amenities Committee which was commissioned to review the existing exhibits and to recommend practical and economical ways to make a visit to the zoo more patron friendly, more comfortable and more relaxing.

As members and Metrozoo aficionados, you know that this is a very large park. Summer in Miami is brutally hot, resulting in a serious reduction in attendance at the zoo during the summer months. The Amenities Committee wants to change that perception and offer a cool, peaceful, green oasis which will welcome you no matter what the season.

Working in conjunction with the McBride Group, designers of the Asian River Life Experience, an in-depth study was initiated to evaluate current public spaces and patron amenities and to make recommendations to improve and enhance them.

The results of this study were dra-

matic and a working proposal was formulated and presented to the Executive Committee and Board of Directors for approval. With overwhelming enthusiasm, the Board unanimously voted to make this our primary objective for fiscal year 1990-1991. Development funds this year will be directed to the implementation of a system of upgrades and additions, furnishings and comfort facilities that will make your visit to the zoo more enjoyable.

Elements identified in the program include patron seating, shade structures and tree canopies, weather shelters, rest rooms and drinking fountains, directional signs at strategic locations, pathway treatments, and special park-like patron zones.

Subject to raising the more than \$650,000 required for this project, the work will be done all at one time (rather than in phases) with minimum inconvenience to zoo patrons. The retrofitting will begin as soon as plans are approved by the Park and Recreation Department, necessary permits are obtained, and funding is in place.

We at the Society are very excited by this long overdue project. We cannot do it without you, however, and we hope that you will continue to support us in our commitment to excellence for Metrozoo and the Zoological Society of Florida.

Society's Officers Installed at Board Dinner November 17, 1990



Sanford B. Miot, Immediate Past President, administers the oath of office to Sherrill Hudson, President Elect; Frank Baiamonte, Vice President; John Little, Secretary; Ralph Morera, Treasurer.



Keynote speaker at the Board Installation Dinner, David Lawrence Jr., Publisher and Chairman of the Miami Herald.



Robert Paul's acceptance speech.



Robert Paul presents the Past President's award to Sanford B. Miot.

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is the bi-monthly newsletter of the Zoological Society of Florida, a nonprofit organization supporting Miami Metrozoo. 12400 S. W. 152 Street Miami, Florida 33177 305-255-5551 Editor: Sally Liddell Design: Lee Kline



When teacher JoAnn Dorsett took the F.I.U. course at Metrozoo this fall, her students got a chance to do some "animal art."

January-February, 1991

The holidays are finally over and the weather is cooler at last. Now is the perfect time to get out to the zoo, visit the animals, and join us for entertaining and educational programs.

Programs for Teachers

Zoo School

Teachers, when you bring your students to the zoo on a field trip, be sure you also book a classroom presentation. This 30 to 45 minute program in our zoo classroom is geared specifically to the grade level you teach and includes hands-on activities. There is *no additional charge* for the presentation and you can reserve space for your group when you call 251-0403 and book your field trip. An easy way to insure that the day is educational as well as fun!

T.E.C.

The Teacher Education Center weekend workshop is a popular 10 hour program which teaches teachers to use the zoo as an educational resource and helps them to interpret the zoo for their students. Successful completion of the workshop entitles teachers to points toward recertification. For further information and registration, call the TEC office at 887-2002.

*Watch for the NEW Teacher Education Center workshops at Metrozoo in the future.

F.I.U. at Metrozoo

This course through FI.U's College of Education is open to graduate and undergraduate students alike. Classes tour various areas of the zoo and get a behind the scenes view of a modern zoological park. "In field credit" is awarded

Education Outlook

in six disciplines for recertification. REGISTRATION IS THROUGH EI.U. Call Dr. Ed Reichbach at 348-2561. Dates: January 10 through April 18 (tentative). Hours: Thursdays 5:00 to 7:00 P.M. Fee: For materials Members \$35.00 Non-members \$45.00 *Tuition paid to F.I.U.*

Read the Zoo

Primary teachers, watch for this reading incentive program in the Miami Herald after the holidays.

Programs for Children

Teacher Planning Day Mini Camp

Grades 1-4

On those days when students are out of school while the teachers get caught up, we offer mini camps. Each one-day session is focused on a topic such as habitats or saving the planet through recycling. Children investigate the day's topic through tours of the zoo, films, stories, craft projects, and visits with live animals. A day of fun that is also educational! **Date:** Friday, February 1 **Hours:** 8:30 A.M.-3:30 P.M. **Fee:** Members \$25.00

Non-members \$30.00

A.I.R. Scouting Program

Grades K-12

This program is designed for scout groups and their leaders. Scouts learn about modern zoos, the animals at Metrozoo, and what can be done to protect wildlife. Participants receive the A.I.R. (Awareness, Interest, Respect) patch. *Scout leaders*, contact the education department to reserve space for your group.

Dates: Saturday mornings, September through June.

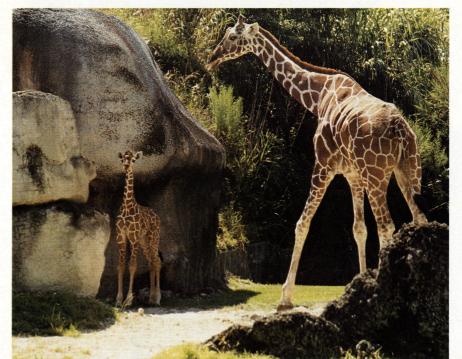
Hours: 9:00-11:30 A.M. Fee: \$12.00 per person (1 chaperone per 8 scouts is free)

Programs for Families

Breakfast With the Beasts: Ravishing Rhinos

Come out to the zoo for a light breakfast and learn everything you will ever want to know about one of our larger zoo residents, the rhinoceros. These large, mysterious creatures are extremely endangered because many people believe rhino horn possesses near magical powers. When you meet them, we are sure you will want to join the cam-

Now is the perfect time to bring your youngsters to the zoo to visit our youngsters!



paign to save them – and we will tell you how you can get involved. **Date:** Sunday, February 10 **Hours:** 8:00-10:00 A.M. **Fee:** Members \$15.00

Non-members \$20.00 (Children 5 and under half price)

Weekend Adventure Series (Age 10 to adult)

Introducing a new series of programs offered on a once-a-month basis for nature lovers aged 10 to adult. In these programs, participants will have an opportunity to meet wild animals up close. Slide or film presentations, "biofacts," and talks with experienced professionals will round out the Saturday morning programs. A great opportunity for parents and their school-age children to learn more about nature together.

Weekend Adventure Series: Bird Watching for Beginners

South Florida has a very large population of native birds year round, but the cold weather up north means even more birds are in our area during the winter months. Join us at the zoo and learn about the birds who are native and those that just visit.

Date: Saturday, January 19 Hours: 9:00-11:00 A.M. Fee: Members \$5.00 Non-members \$8.00

Weekend Adventure Series: Backyard Habitats

Come out to the zoo and join us in exploring Florida wildlife. You will meet some native wild animals "up close and personal" and learn what you can do to attract "wild things" to your backyard. From butterflies and lizards to squirrels and insect eating bats, you can have a real nature preserve in your own backyard! We'll show you how and provide materials to take home. Date: Saturday, February 16 Hours: 9:30-11:30 A.M. Fee: Members \$5.00 Non-members \$8.00

Weekend Adventure Series: Elephants, Endangered Giants

Elephants, the largest land mammals, are intelligent, graceful, engaging creatures, but their ivory tusks and enormous appetites may doom them to extinction. Come out to the zoo and meet these creatures and find out about the ivory trade and efforts to save elephants in their native habitats. **Date:** Saturday, March 2 **Hours:** 9:30-11:30 A.M. **Fee:** Members \$5.00 Non-members \$8.00

Programs for Adults Only

Wildlife Conservation Seminars (WCS)

The WCS program is a series of informal presentations which focus on wildlife and conservation topics. Our goal is to promote public awareness of environmental problems and opportunities for involvement. Each hour and a half program includes a presentation followed by a question and answer session and light refreshments – all in the comfort of our zoo classrooms.

Tropical Rain Forests – Saturday, January 26

Rain Forest Facts:

• Rain forests presently cover 7% of the earth's surface. They once spread over 20% of the earth.

• More than 50% of all known species of plants and animals are found there and new rain forest species are being identified EVERY DAY.

Half of all medicines, including many cancer drugs, come from the rain forest.
Of the dozen or so crops that provide 90% of the world's food, half are descended from rain forest plants,

including rice and maize.Rain forest vegetation absorbs carbon dioxide from the atmosphere, which sta-

bilizes the global climate.

Obviously, rain forests are vital to life on earth. Just as obviously, they are being destroyed at an alarming rate. In our January WCS, Metrozoo Curator of Birds Ron Johnson, will talk about what is happening to this global resource and what is, or is not, being done to save it. Please join us for a fascinating program on this very important issue.

Oil: Drilling and Spilling – Saturday, February 23

As the world becomes more and more industrialized, the demand for oil grows. Should we allow this demand for petroleum to jeopardize our precious coral reefs, marine wildlife, and the health of the planet? What can we do to stop it? Join us for this WCS and find out how oil drilling and oil spills affect you and your environment.

Saving the Turtles – Saturday, March 23

Hours: All WCS programs begin at 6:30 P.M. and end at 8:00 P.M. Fee: Members \$10.00 Non-members \$15.00

Slumber Party at the Zoo – Adults Only

Bring your sleeping bag and toothbrush and come on out to the zoo for a pizza party, a nighttime walk around the zoo, and an early morning visit with our Bengal tigers. Sleep in our mosquito-free classrooms. A great chance to be a kid again!

Date: Saturday, March 16 **Hours:** 6:30 P.M.-8:30 A.M. **Fee:** Members \$30.00

Non-members \$35.00

Register Here

Mail to: Education Department, Zoological Society of Florida, 12400 S. W. 152 Street, Miami, Florida 33177-1499 (305) 255-5551

Participant's name		
Street address	<u>a a sala san a</u> amin'n maandi	and a minima in the list of the
City	State	Zip
Home phone	Business phone	
and the second se	Date	Fee \$
	Date	Fee \$
Member membership #	Non-Member	Fee \$
Mastercard Vi	sa Amer. Exp. Expiration Date	
		TOTAL
Card #	Signature	
For children's programs, c	complete the following:	
Parent's name		
Student's age	Grade in school (as of Sept. 1990)	

Feast With the Beasts[™] – The Elegant Tradition Continues!

Feast With the Beasts," the event the Miami Herald has rated the "best" organized event of the season" and "just plain fun," is scheduled for Friday, April 19, 1991. Sponsored by American Express, our largest fund raiser of the year transforms Metrozoo into a wonderland, aglow with lights, adorned with balloons, and festooned with decorations to correspond to the theme of the party. Guests wine and dine on gourmet delights from forty of South Florida's finest restaurants, and entertainment is non-stop during the evening, climaxing with a headline act performing in the amphitheater.

Under the direction of Jackie Gran, Feast With the Beasts Chairman, and Co-Chairman Elena Cabrera, the committees are working hard to make this the most successful Feast to date. With contributions from the restaurants and beverage providers, as well as donations of goods and services from over 180 companies and volunteers, this event is truly a community affair. Proceeds from Feast With the Beasts, 1991 will go toward an endowment for the Komodo dragon exhibit, the Zoological Society's newest project.

To date, the following restaurants and beverage donors agreed to participate in this year's affair: Barnie's Coffee and Tea Company

Beverage Canners Capriccio Carlyle Grill Casa Juancho Cheeca Lodge Christy's **Didier's** El Cenador de la Villa El Picoteo El Novillo **Firehouse Four Fish Market** Fontainebleau Hilton's Dining Galleries **French Connection** Haagen-Dazs House of Seagrams Il Paparrazzi Il Tulipano

JJ's American Diner JohnMartin's La Bussola Los Ranchos Mark's Place New Cove Restaurant at the Miami Airport Hilton & Marina The Olive Garden Parrot Jungle and Gardens Pi's Place Ponderosa Ramiro's Restaurant St. Michel San Marco Italian Restaurant Silver Eagle Sinclairs Stuart's at the Cardozo Sunday's on the Bay Sunday's on the Bay at Haulover Valenti's Restaurant W. A. Taylor Cordials

General admission tickets are still available at \$150 per person. For a donation of \$500, you can become a Beastkeeper, the distinctive patron category, entitling you to special recognition and a party for "Beastkeepers" only to kick off the night's festivities.

Tickets are limited to the first 1,000 people. Call 255-5551 and use your American Express[®] Visa or Mastercard to reserve your **Feast With the Beast**[™] tickets.

REMINDER: Mel and Irene Kessler of gingiss formalwear in Cutler Ridge, Dadeland and Coral Gables, have offered to donate a "Buck-A-Tux" to the Society for each tuxedo rented during 1991.

Calling All Volunteers - Your Zoo Needs You !!!

Did you ever wonder what it would be like to work with "exotic" animals? Did you know that the Zoological Society can give you the opportunity to do just that? If you have spare time during the week and want to work with animals, you may have the right stuff to become part of the team at the Animal Resource Center (ARC).

Every day, a team of volunteers works with each of the thirty-five animals that we use at the zoo and in the community for educational programs. The collection includes creatures that most of us would seldom see outside a zoo including the East African hedgehog, glass lizard, chinchilla, skink and a variety of native and exotic species. Each animal has its own habits and needs daily atten tion to ensure its health and well being. After a brief training program, you can begin caring for the animals almost immediately. You will attend to their feeding, cleaning, exercising, and training as well as maintain their health records and run errands.

The only requirements to become part of our dedicated group are a love for animals, a strong back, and at least two days to give each month. What you'll get in return are new challenges, new friends, and the chance to be a part of the inner workings of Metrozoo.

For information on the next ARC training program, please call Ruth Hamilton at 255-5551.

The children's contact area at PAWS is one place at Metrozoo that kids can call their own. Elephant rides, up close encounters with live animals and two shows throughout the day are some of the activities designed with our young visitors in mind.

The Elephant Walk Gift Shop at PAWS is a store featuring only animal-related merchandise for children. To the Zoological Society, it is very special because of the important role our volunteers play in its operation. By filling essential positions such as sales, customer service and stocking the floor, these dedicated men and women play a crucial role in the success of this unique shop.

If you have some spare time, don't mind working in clean, air conditioned surroundings and would like to help, consider joining our flock. Please call Ruth Hamilton at 255-5551.

Stationed Interpreters Needed...

If you would like to serve as a guide for visitors to Sea Monsters, the Zoological Society would like to speak to you! In short sessions tailored to your schedule, we will provide the training necessary to prepare you to interpret the displays to the public. If you have considered volunteer work but haven't made the commitment, this may be a good place to start. Your participation here can be just the beginning of more continued involvement at the zoo!

For more information, please call Ruth Hamilton at 255-5551.

Paul Mitchell Systems and Hairstylist Friends of the Zoo... on the Cutting Edge

Paul Mitchell Systems of South Florida, in conjunction with John Paul Mitchell Systems and the Hairstylist Friends of the Zoo, are proud to announce an upcoming **CUT-A-THON** on Sunday, February 10, 1991, at Metrozoo to benefit the Zoological Society of Florida.

John Paul Mitchell Systems is committed to wildlife conservation, and none of their products are ever tested on animals. Brooks Parsons, of John Paul Mitchell Systems, and Linda Martens, President of Paul Mitchell Systems of South Florida, approached the Society last summer to see how they could creatively raise money for the zoo and get the hairstylists of South Florida involved

A gathering of felines to support the Florida panther in the process. Brooks and Linda formed the group known as Hairstylist Friends of the Zoo and invited 50 salon owners to become members of the Society. In turn, the owners will sell memberships to the Zoological Society in their salons.

In addition, you can register at participating salons to win a 4 day, all expense paid trip to the Grammy awards in February. The drawing will be held at Metrozoo on February 10th. Listen to radio station Love 94 for further information.

Please join us on Sunday, February 10th from 12:00 noon to 4:00 P.M. for the **CUT-A-THON** and prize drawing. You'll receive a great new look while supporting Metrozoo!

Florida's state animal, the panther, is a tragic symbol of our vanishing wilderness with only 30 to 50 animals estimated as remaining in our swamplands. Zoological Society Trustees Lee Bynum and Betty Miller donated \$110,000 to establish an endowment fund for the Florida Panther Recovery Program.

The Zoological Society of Florida and the Florida Panther Project will be the recipients of the proceeds from the International Cat Show, February 1st through February 3rd, 1991 at the Radisson Expo Center.

The International Cat Show is presented by Incats, a not-for-profit organization whose goals are to promote educated pet ownership, support local animal shelters, and foster advances in veterinary medicine. The show will feature more than 500 cats of at least 40 breeds. The Hill's Science Diet Super Cat Contest, open to rescued cats of all shapes and sizes, will take place on Saturday. Proceeds from this event will also benefit the Society and the Panther Project Endowment Fund, and we thank Hill's Science Diet for their support.

Show hours are 3:00 PM. to 10:00 PM. on Friday and 9:00 A.M. to 6:00 PM. Saturday and Sunday. Regular admission is \$6.00 for adults and \$4.00 for seniors and children under 12. Please clip and use our discount coupon and **support the little cats helping big cats.**

For more information or to register for the Super Cat Contest, call Todd Sutton (305) 981-4859.

Double Your Dollars – It's as Easy as 1, 2, 3!

Your donation to the Zoological Society, especially in the area of new memberships or membership renewals, can have double the impact if you work for one of the matching gift companies on the following list. Simply

- 1. Locate your company's name on the list
- 2. Obtain a matching gift form from your personnel office
- 3. Send your completed form with your donation and watch your dollars multiply!

Alco Standard Corporation Allegheny International American Brands, Inc. American Express AT&T **Avon Products** Automatic Data Processing, Inc. **Bank America Corporation Beatrice Foods Corporation BellSouth Corporation** Black & Decker **Brunswick Corporation Bucvrus-Erie Company Carrier** Corporation Caterpillar Tractor Company **Chase Manhattan Corporation Chemical Bank** Chevron Corporation Chubb and Son, Inc. Cigna Citicorp **Citizens and Southern** Coca-Cola Company **Consolidated Food Corporation Continental Group** Cooper Tire & Rubber **DelMonte** Corporation **Deluxe Check Printers Digital Equipment Corporation Dow Chemical** Eli Lilly Equitable Life Assurance **Exxon** Corporation **Federated Department Stores** Fireman's Fund Insurance Company **General Cinema Corporation** Getty Oil B. F. Goodrich Grant Thornton Gulf and Western Industries. Inc. **Gulf Oil Corporation** John Hancock Mutual Life Insurance Company H. J. Heinz Company Honeywell, Inc. IBM Johnson & Higgins Johnson & Johnson Kimberly-Clark Corporation K-Mart Corporation Lever Brothers Company McDonald's McGraw-Hill Foundation Merrill Lynch & Company, Inc. Minnesota Mining & Manufacturers Mobil Corporation Monsanto Corporation Nabisco Brands, Inc. NCR Corporation

Northern Trust Company Norton Company Pensico, Inc. Pfizer, Inc. Phelps, Inc. Phelps Dodge Corporation Pitney Bowes, Inc. Polaroid Corporation Quaker Oats Foundation Ralston Purina Company R. J. Reynolds, Inc. Joseph A. Seagram & Sons Shearson, Lehman Brothers

Travelogue, 1991

The Zoological Society of Florida and Vantage Travel, America's foremost tour operator to Russia, are proud to offer our second natural history tour to the Soviet Union. Our customized 14-day itinerary will feature:

- Guided tours of the Moscow and Leningrad Zoos.
- Opportunities to meet with Russian zoo officials to discuss mutual interests.
- A visit to two Biosphere Reserves in two different parts of the country.

Fifth Annual Photo Contest

Check your camera bag. Is the telephoto lens in there? How about the wide angle? If everything is in order, then you are ready for the **Fifth Annual Photo Contest.**

Eligible photos must be those depicting "Animals in the Wild," limited to photos taken at Metrozoo, featuring animals on public display between January, 1990 and the present.

Registration will be April 27 through

Zoological Society of Florida

12400 S. W. 152nd Street Miami, Florida 33177 (305) 255-5551 Southern Bell Southland Corporation Tandy Corporation Textron, Inc. TRW Foundation Toro Company Transamerica Corporation Traveler's Insurance Company United Parcel Service Washington Post Company, Inc. Westinghouse Electric Fund Willington Management Company Winn Dixie Stores Foundation Xerox

• A visit to one of Russia's most magnificent game reserves, Askaniya Nova, a

- cent game reserves, Askaniya Nova, a 27,500 acre wildlife preserve with wildlife from all over the world. • The spellbinding sights of the Kremlin,
- Red Square and the elegant "oniondomed" cathedrals of Moscow and Leningrad.

DATES: May 27-June 9, 1991

PRICE: \$3,485 from Miami, includes all meals and first-class hotel accommodations.

May 10 and the winners will be announced at a reception on May 18.

Entry photographs must be taken from the public viewing areas at Metrozoo, without the assistance of zoo or Society personnel. All photos must be **FIRST TIME ENTRIES.** For registration forms and a complete list of photo contest rules, contact the Society at 255-5551.

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