

## THE GREAT NEST-BUILDERS



Painting by  
Banjong Mianmanus

**L**ike the toucan, emblem of the Zoological Society, the hornbill's most prominent feature is its colorful beak, which is an important visual element in social communication. Hornbills occupy the same niche in the Old World as the unrelated toucans do in the New. There are 22 known species of the African hornbill and roughly the same number in Asia.

The hornbill gets its name from the decurved beak, usually adorned with a horny projection called a casque. Despite their size, the beak and horn are very light because the horn is hollow, filled with only a loose, bony network. The cutting edges of the beak are serrated, particularly in adults.

In contrast to the usually vividly colored and patterned beak, the hornbill's plumage is black or brown, sometimes with yellow or white markings. The bird, ranging in size from 15 inches to over 5 feet, has long, stiff eyelashes, a long tail, and strong rounded wings which make its flight rather clumsy. Larger hornbills make a loud, whirring noise with their wings when they fly, sounding for all the world like an approaching train.

Some hornbills dwell on the ground, some in trees. Smaller hornbills eat insects, berries, figs and palm nuts, while the larger ones are omnivorous, feeding on young birds, lizards, squirrels, frogs, berries and fruit.

The hornbill's tree-hole nest is a fortress against its enemies, secure even against predatory bird-eating snakes. The entrance to the nest is closed down to a narrow slit by a rock-hard mixture of mud and juices.

During the laying period, the female squeezes inside the nest, laying her eggs at intervals so that the young are graded in age and size. The small hornbills lay up to five eggs,

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# Thank You

The Zoological Society of Florida is fortunate in having an impressive roster of people serving on its newly formed Board of Trustees. These dynamic and dedicated people work very hard to steer the Society to success in achieving its goal of supporting Metrozoo. We welcome and appreciate all of your time and talent. We look forward to working with you.

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## EXECUTIVE DIRECTOR'S M E S S A G E

Congratulations and thanks are in order to all of you. The year-end campaign generated nearly \$24,000 for the Animal Clinic Fund. Groundbreaking is scheduled for March. Continued support from the members is imperative. Our "Anonymous Donor" has matched every dollar raised, as promised, and will continue to do so until this project is completed.

Over 2,000 dedicated members took advantage of the early renewal offer, and this overwhelming response kept the membership secretary and bookkeeper extremely busy. Thanks again for your support.

Within a year and a half, there will be koalas at Metrozoo. A commitment from the **Dr. Herbert A. Wertheim Foundation** has taken this dream one step closer to becoming a reality. If you are interested in making a contribution toward the koala project, please contact the Office of Development.

Our pleas for members to attend the Dade County Commission budget hearing in September received a



terrific response. The turnout was impressive and additional funds were allocated towards the operation of the zoo. This would not have been possible without your physical presence and moral support.

Keep your attention focused on the exciting adult education programs being offered by the Education Department.

All the birds in the aviary are now available for adoption through the Adopt-An-Animal program, even through they are not yet listed in the brochure. Adoptions make unique gifts for any occasion, and are perfect for those special people for whom it's sometimes difficult to find the right thing.

We appreciate your support and encouragement in all these endeavors. Thanks again. We'll see you at the zoo.

A stylized, cursive signature of Joseph E. Ferrer in black ink.

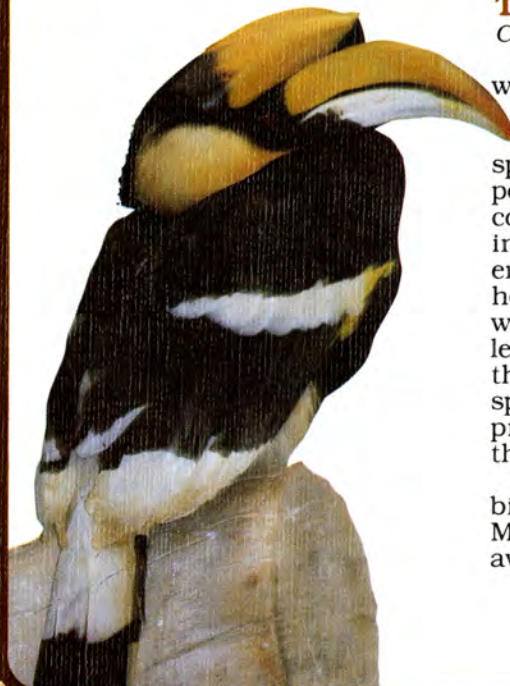
Joseph E. Ferrer  
Executive Director

### The Great Nest-Builders

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while the larger species generally lay two or three, with the incubation period varying greatly from one species to another. During the laying period, the female hornbill moults completely. She is fed through the slit in the tree by the male. Towards the end of the nesting period, the female, her plumage fully regrown, chips her way out and the nest is resealed--leaving a narrow slit through which the young are fed. Each of the offspring in turn breaks out and the process is repeated until the last of the young is fledged.

Come and see this remarkable bird on display in Metrozoo's new aviary, Wings of Asia.



# EDUCATION OUTLOOK

PROGRAM LINEUP • MARCH 8th-MAY 17th

## CHILDREN & TEEN CLASSES

### Metrozoo Inn

Experience the sights and sounds of the zoo after dark. Spend the evening with zookeepers who will show you the zoo as you've never seen it before. Bring your sleeping bag and a toothbrush; we'll supply dinner, breakfast and a great adventure.

Friday - Saturday  
March 8, April 19, May 17  
6 P.M. - 9 A.M. • Grades 4-6  
\$17.50-Members / \$20-Nonmembers

### Junior Zoologist

This series of classes provides a valuable experience for young teens interested in pursuing careers in zoology, wildlife biology and veterinary medicine. Students will learn about the management of captive wildlife through behind the scenes tours and contact with the zoo staff.

Four Consecutive Saturdays  
April 13, May 4  
9 A.M. - 12 P.M. • Grades 7-8  
\$40-Members / \$50-Nonmembers

## FAMILY CLASSES

### Breakfast With The Beasts

This is a unique opportunity to visit the zoo in the early morning hours.

Breakfast overlooking the "African Plains" is followed by close-up visits with elephants, crocodiles and some of our newborn animals. Learn what and how our animals are fed... and bring your cameras!

Sunday - March 17, April 21  
8 A.M. - 10 A.M.  
\$8-Members / \$10-Nonmembers

## ADULT CLASSES

### F.I.U. At Metrozoo

Due to increased demand, we have scheduled a special 8-week version of this popular course. Open to both graduate and undergraduate students.

this comprehensive workshop introduces teachers to Metrozoo and assists them in developing interdisciplinary materials to be used in the classroom and at the zoo. "In Field Credit" is awarded in four disciplines for recertification. Registration is through F.I.U. only. For details call Dr. Ed Reichbach at F.I.U.: 554-2561.

Thursday - May 9 through June 25  
4:30 P.M. - 6:30 P.M.  
\$35 plus F.I.U. tuition

### Night Owls

Unwind after a busy week with a night at the zoo. An all new program is taught by our zookeepers and includes great food and wine, plus a presentation by our veterinary staff.

Friday - Saturday, March 15, April 26  
6 P.M. - 9 A.M.  
\$17.50-Members / \$20-Nonmembers

### Enroll Me In The Following Programs.

Programs \_\_\_\_\_  
Session Dates \_\_\_\_\_  
Program Fees \$ \_\_\_\_\_  
Membership \$ (If Desired) \_\_\_\_\_  
Total \$ \_\_\_\_\_

## CLASS REGISTRATION

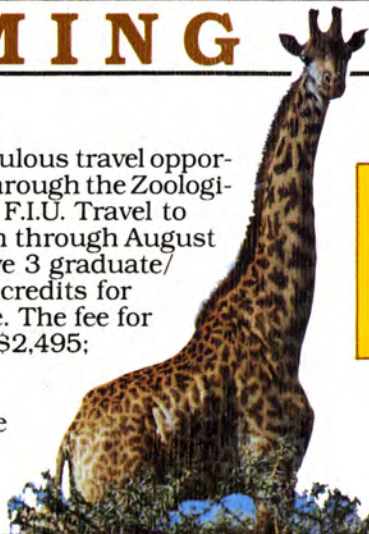
Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Home Phone \_\_\_\_\_ Bus. Phone \_\_\_\_\_  
Parent's Name \_\_\_\_\_  
Student's Age \_\_\_\_\_ Grade \_\_\_\_\_  
 Member  Nonmember

**Membership** entitles you to free admission to Metrozoo and 70 other zoos, special events and the Society's publications. Family \$35 / Dual \$25 / Individual \$15. Annual memberships are tax deductible. All registrations must be paid in advance. Refunds will be made up to 1 week prior to class starting date.

Mail to: **Education Dept. ZOOLOGICAL SOCIETY OF FLORIDA**  
12400 S.W. 152nd Street • Miami, Florida 33177

## COMING ATTRACTIONS

Look for a fabulous travel opportunity offered through the Zoological Society and F.I.U. Travel to Kenya July 28th through August 13th and receive 3 graduate/undergraduate credits for your experience. The fee for the trip will be \$2,495; F.I.U. credit is additional.  
Limit: 33 people



**Executive Director:**  
Joseph E. Ferrer  
**Editor:**  
Mamta Chaudhry-Fryer  
**Design:**  
Janice McDougall



Get ready for summer fun at Metrozoo! Our schedule of summer programs will be out soon, offering exciting educational opportunities for all ages.

# TOUCAN TIDBITS

## Mickey And His Gang Are Coming To Metrozoo



March 24th, 1985  
Shows at: 1:30 • 2:00 • 4:00

Come and join the fun when the Walt Disney characters Mickey, Donald, Goofy, Pluto, Pinocchio and others visit Metrozoo for a fun afternoon of entertainment. A photo and autograph session will be held after each show.



## Snap It Up

If you can't wait to see the photographs of your latest safari at Metrozoo, then you'll want to make Metro 1-Hour Photo Lab your next stop. It's just five minutes away, in the Deerwood Town Center and is a full-service photo lab, offering one-hour processing on 35mm, 110, 126 and disc films.

Metro Photo is involved with the Society's Adopt-An-Animal program. That's one good reason to support them. Another good reason: if you take in your Zoological Society membership card, they'll give you a 10 percent discount on all your processing.

## Have A Ball

Miami Jai-Alai is a major contributor to the Society. They sponsor five charity nights each year to benefit local civic organizations, including the Zoological Society of Florida. This year's Charity Nights are March 5th, 12th, 19th, 26th and April 2nd. On March 19th and 26th, all Zoological Society Members (over 18) will be admitted free to Miami Jai-Alai when they show their membership cards. Join us in supporting those who support the zoo.

## Easter Egg Hunt

Easter Sunday, April 7th  
1:30 P.M.

Any children 12 and under that come to the zoo with a decorated hard-boiled egg gets in FREE.

Our lovely afternoon at the zoo will consist of a visit from the Easter Bunny and an Easter Parade. There will be Easter Egg Hunts for 4 age groups, and other special entertainment.



The Zoological Society's Toucan Travel program is once again on the move and going places -- among them Kenya, Galapagos Islands and 1,000 miles up the Nile. If you're interested in going along, call Pat Superfine for information at 255-5551.

## Another Zoo

One of the benefits of being a Zoological Society member is that you get free admission to 70 zoos around the country. Now you can add one more to your list: Central Florida Zoological Park in Lake Monroe is honoring Zoological Society of Florida membership cards.

## A Name To Remember



Robert Paul has been appointed chairman of the Society's development campaign for this fiscal year. "Bob" is a partner at Paul, Landy, Beiley and Harper, the corporate sponsor of the orangutans at Metrozoo. Robert Paul has been on the Board of Directors since 1984. As the development campaign builds momentum, you'll be hearing a lot more of him. Meanwhile, if your corporation is interested in supporting the Society, let us hear from you.



## Wild Gifts

Now you can keep your memories of a magical visit to Metrozoo evergreen with a videotape that can be enjoyed by the entire family. This 30-minute video has been updated to include the much talked-about Urban Man exhibit, as well as the spectacular new aviary -- Wings of Asia. You can pick up your copy of this videotape (in VHS or Beta format) for only \$39 at the zoo's giftshop, where you'll also find signed, limited-edition prints of the "American Mondarch" by wildlife artist Charles Frace; Jungle Jog T-shirts; and colorful ZSF T-shirts. Delight someone special with any one of these gifts and help support the zoo.



# JUNGLE JOG

Jungle Jog at Metrozoo is developing a great track record. The Third Annual Jungle Jog was, once again, a runaway success, with over 1,400 people registered for the event.

The runners ranged in age from 3 to 84, the youngest being a member of the Schnepel "turtle" family, and the oldest, the sporting and gracious Ruth Rothfarb. Among the participants were the really serious runners, with stopwatches in hand. And then there were those who came for fun, like the Schnepel "turtle" family, Goofy, the werewolf and an attractive female zebra, all having a great time at the starting line.

The finish line also saw some great times. Dorys Langlois of Montreal finished first with a race time of 24:46, the best in Jungle Jog history. Dorys was also last year's men's over-all champion. This year's women's over-all winner, Shirley Carney, also set a new record of 29:02.

Jose Rosales, Max Rhodes and Anthony Barriga were our three wheelchair entries. Jose won this division with a time of 35:38, Max was second with a time of 43:14 and Anthony finished third with a time of 45:40--not bad for someone who lost one wheel mid-course and completed the race on three wheels!

The wheels of the race ran smoothly throughout thanks to all the people who contributed so much to it. Sometimes the winners are to be found not only at the finish line, but behind the scenes as well. We'd like to salute some staunch champions of Jungle Jog:

- Cordis Corporation and the South Florida Veterinary Association for their continued support.
- Racal-Milgo for joining the ranks of our supporters and sponsors.
- The Miami Runner's Club for guiding us from start to finish.
- The nearly 200 volunteers who arrived at the course at the crack of dawn to help us get ready for the race.
- Metrozoo's security and maintenance departments, as well as the curators and zookeepers, for chipping in so cheerfully.
- Burger King for the 14,000 cups and food.
- Pumperniks for feeding our volunteers.
- Carnival Fruit for the refreshing oranges.
- Ovens of France for the delicious bread.
- Coral Reef Hospital for towels.
- Randle Eastern Ambulance for being on standby.
- Footworks for letting us use the store.
- Lindsay Czerwinski, Star Fluke, Rachel Moore, Cindy Groh, Pat Enochs, Chuck Poveromo and Kurt Mannchen for taking the extra step to help us out.

The Third Annual Jungle Jog has run its course and we're getting ready for the fourth. Will it be another success? Of course!



Start of the race, with 2-time winner Dorys Langlois, #1070, leading the pack.



Dorys Langlois and Shirley Carney, the men's and women's overall winners receive awards from Lester L. Goldstein and Joe Ferrer.



The Schnepel "turtle" family meet Lester Goldstein.



L. to R. - Jose Rosales—first place, Max Rhodes—second place, and Anthony Barriga—third place in the wheelchair category.

# Paying Tribute



Lester L. Goldstein and Richard Mahmarian, past president 1979-80.



Lester L. Goldstein and Jack Lowell, past president 1981-82.

Nearly seventy staunch supporters of the Zoological Society and Metrozoo got together one evening in late January to look back on the past year's accomplishments and to look ahead to future success.

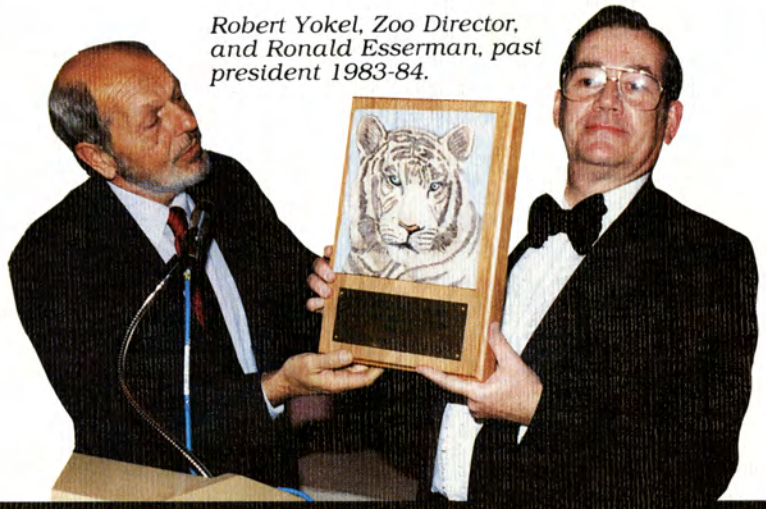
The Society's first Board dinner--one that we hope will become an annual event--was attended by members of the Board of Directors and Board of Trustees. They volunteer a great deal of their time to set goals for the Society and to raise money to achieve these goals.

The Board Dinner (emceed by newly elected President, Lester L. Goldstein) was to acknowledge their efforts and show our appreciation for some exceptional people who have contributed so much to the Society and the zoo in our years of growth. Those honored were Richard Mahmarian, Jack Lowell, Ron Esserman, Donald Rosenberg, Hank Luria, Bob Yokel and very special member Austin Weeks.



L. t. R. - Joseph E. Ferrer, Lester L. Goldstein, Austin Weeks and Robert Yokel.

Robert Yokel, Zoo Director, and Ronald Esserman, past president 1983-84.



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