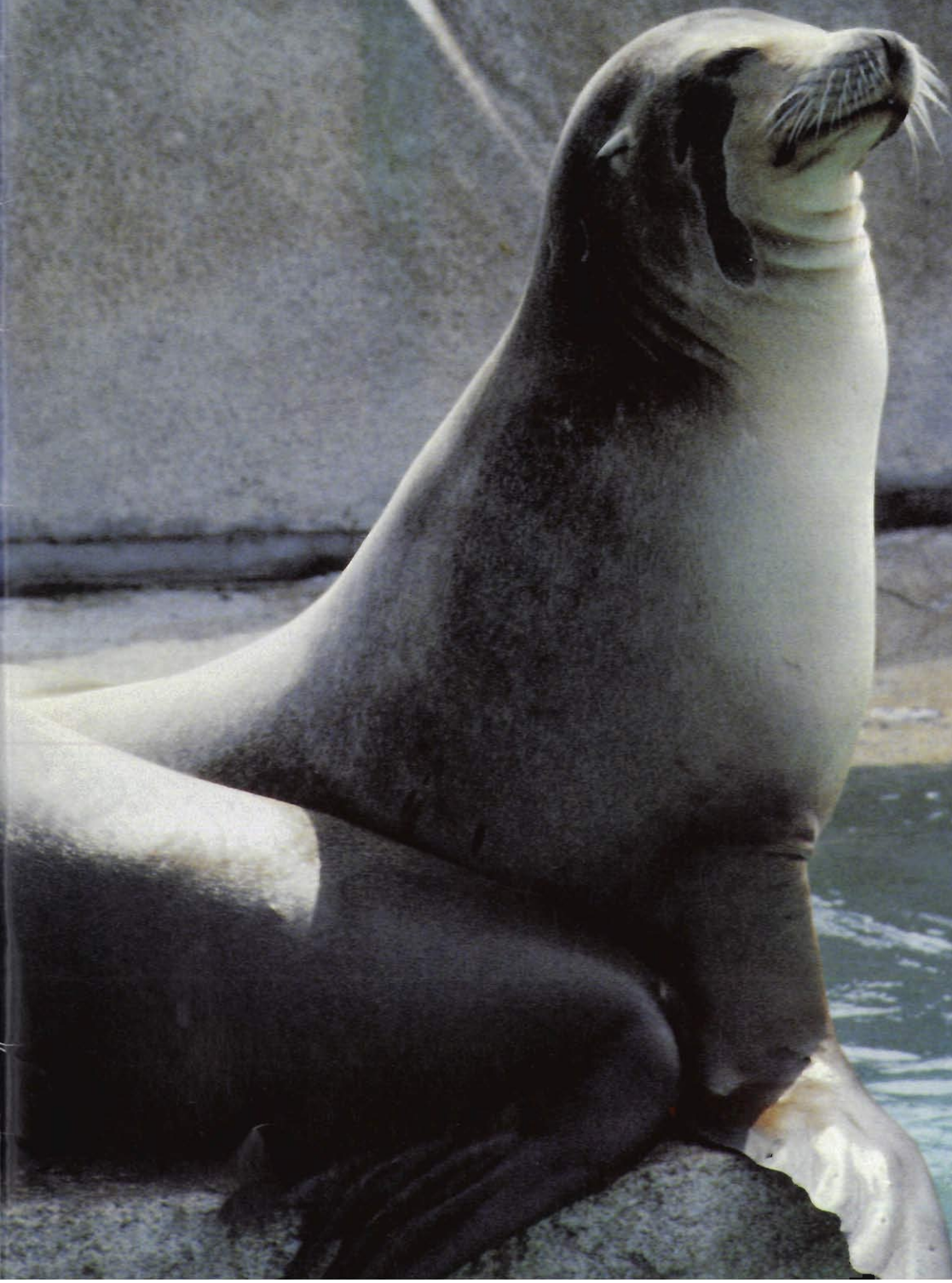


# ALIVE

ZOOLOGICAL SOCIETY OF MILWAUKEE COUNTY • SUPPORT • EDUCATE • CONSERVE •

SPRING 1990



by Dr. Gilbert K. Boese



In our effort to make ALIVE an even better magazine, you will see a newsletter "ALIVE 2," located in the center fold. "ALIVE 2" contains an enlarged calendar, featuring Zoo and Society happenings; articles about upcoming events; a new page devoted exclusively to children (including "Curious Corner"); and information on the Society's education programs, including a new, easy to fill out registration form for workshops. You may wish to pull the newsletter out of the magazine and keep it in a handy place to remind you of all of the many programs and events coming up in the next three months.

Also new in this issue is a page devoted to animals available through the Society's Animal Adoption program. We think this is a more interesting way to let you know about the individual animals which reside at the Zoo. All proceeds from the Animal Adoption program allow the society to fulfill its mission to support the animals and exhibits seen at the Zoo.

I'd like to thank all of you who wrote letters saluting the Society for using recycled paper for ALIVE. It's gratifying to know that our members support the Society's efforts to be more environmentally conscious consumers. "ALIVE 2" is also printed on recycled paper.

I'm sure that many of you have been reading about Senate Bill 300 which was mentioned in the last issue of this magazine. This bill on recycling has gone through many changes in the past months. You can keep up-to-date by reading the newspapers or contacting your state representatives for further information on this ever changing bill.

The focus article in this issue features the sea lions. The construction of the new exhibit is well underway, and is expected to open in late May. Because these animals spend so much time under water, the under water viewing is sure to be a crowd-pleaser. A special premier for Society members only is planned for Friday, May 18. Watch for your invitation in the mail soon. This exhibit is completely funded by the Society. In fact, all of the proceeds from the 1989 Zoo Ball went towards the sea lion exhibit. Many projects at the Zoo were created with funding from Zoo Balls, including Wolf Woods, the underwater viewing of the polar bears, and the Great Ape Escape, the outdoor facility for the lowland gorillas. We hope that many of you will join us at Zoo Ball VII on June 30.

On behalf of the Zoological Society I'd like to welcome Charles Wikenhauser, the new Director of the Milwaukee County Zoo. We look forward to working with him to help maintain the excellence seen at your Milwaukee County Zoo.

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Photo by Mike Nepper



Photo by Mike Nepper



Art by Jay Jocham

On the surface, things seem slower at the Zoo during the wintertime. The Zoo grounds are covered with a quiet white blanket of snow. The bears are sleeping, and the visitors seem to enjoy the Zoo at a more leisurely pace. In many ways, though, the Zoo is a busy place even in the wintertime. More than three thousand animals are cared for and monitored on a daily basis by the Zoo staff. Each area of the Zoo proceeds with many activities both on and off of exhibit.

A good example is the Aquarium and Reptile Building. There are tanks containing more than 150,000 gallons of water on exhibit, but there is even more water being conditioned or used off exhibit; in reservoirs, elaborate filter equipment and quarantine tanks, and off exhibit breeding tanks.

Valuable fish such as the Red Emperor Cichlids are breeding successfully in the holding facilities. In fact, one of the breeding male Red Emperors has had twenty-three offspring following a successful surgery for an eye abnormality.

The Tropical River exhibit, which features African Lake fish, is undergoing a population explosion. Less than a year ago there were only three hundred fish in the tank, and now there are more than a thousand.

Elsewhere behind the scenes, our bird quarantine areas continue to be expanded to allow the influx of hundreds of birds that will be arriving for our new Aviary opening in the Spring of 1991. Even during the Aviary renovation, there are plenty of birds to see at the Zoo. The endangered Humboldt Penguins are busy breeding once again. As of this writing, three pairs are sitting on eggs, and two additional pairs are beginning breeding behavior. Our Zoo has one of the largest Humboldt Penguin colonies in captivity in North America.

The Primate House is boasting the birth of a black-and-white Colobus monkey. These monkeys are all white when born and gradually obtain their distinctive black markings during the first year of life. We have many siamang gibbons on exhibit including Suzy, who is the oldest living siamang in captivity. Since the death of Unk, her life-long mate, last year, the zookeepers are spending more time with Suzy to help prevent loneliness. She also spends much time with a stuffed toy monkey which she loves to play with. Obsus, our nine-year-old male lowland gorilla, is rapidly reaching maturity and is



Photo by Mike Nepper

starting to develop the silver-backed appearance characteristic of adult male gorillas. He already weighs close to three hundred pounds.

The Small Mammal House continues with its outstanding success in breeding bats. Since 1984, when they arrived from Kenya, our straw-colored fruit bats have had twenty-four births, including three this winter. We are continuing to send some of these bats to other zoos to prevent overpopulation in our exhibit. The vampire bat breeding also has been successful. We've had thirty-seven births since 1973, including three in the last three months.

The grey-legged douroucoulis is a small South American monkey with huge eyes that is active mainly at night. Our female has recently given birth to her third offspring.

One of the most notable births in the Small Mammal House this winter was the twin female tayras. Births in captivity are rare in this species, which looks like a huge weasel. Little Bit, the ten-month old tayra male from the previous litter, has become very playful on exhibit, and his antics are a delight to the visitor.

Our Winter Quarters area has continued with its long history of successful kudu and impala breedings with the birth of a male kudu in January, and a male impala in February. These animals will be on exhibit this spring.

Another baby that we anticipate will be on exhibit this spring is a polar bear that was born in mid-December. The Milwaukee County Zoo has a long history of polar bear births. The first polar bear ever born in captivity was born at the Washington Park Zoo in Milwaukee seventy years ago. Our

newest arrival is the first offspring of Callisto and Mishka. As of this writing, the baby is still in the den with mother, weighs about fifteen pounds, and is white as snow. As the baby gets a little older, mother will begin taking it outside. We hope that the baby will be on exhibit later this spring.

The red kangaroos at the Australian Building have given birth to two more joeys, thus maintaining a long tradition of successful breedings. To help make room for our new arrivals, we frequently send kangaroos to other zoos.

We have just received two Bactrian camels that are here on temporary breeding loan. Gobi, our male camel, seems to have been a little intimidated by the remarkable size of these females, but the introduction is going well.

In December we received our fourth black rhinoceros, a two-year-old female from San Francisco. This animal, along with the young male black rhinoceros currently on exhibit, will eventually be shipped to Riverbanks Zoo in South Carolina where they will be introduced for breeding purposes. All four of the rhinos at the Zoo are part of the Species Survival Plan for black rhinos, which is designed to help prevent the extinction of this critically endangered species.

We now have two breeding groups of alpaca, which was made possible by the arrival of an unrelated male last year. Breeding behavior has been noticed in both groups.

These are just some examples of what has been going on in the deep winter months at the Milwaukee County Zoo. The Zoo is a marvelous place to visit any time of the year.

## Zoo Welcomes New Director



Photo by Mike Nepper

Charles Wikenhauser became the new director of the Milwaukee County Zoo in January. Although his most recent experience was as director of the Pittsburgh Zoo, Wikenhauser was also director of the John Ball Zoo in Grand Rapids, Michigan; and the Glen Oak Zoo in Peoria, Illinois. He is a graduate of the University of Illinois and was raised on a grain and livestock farm in central Illinois.

Wikenhauser is looking forward to becoming involved with the capital improvements plans for the Zoo. "I'm glad that I'll have the opportunity to contribute to the new Great Ape Facility and the remodeling of the primate house. If all goes well, we hope to break ground this summer. I'm also anxious to have a plan for more consistent and educational graphics on the Zoo's grounds. This is in the works for the aviary and primate facility, but we need to take a look at signs in some of the older buildings as well," says Wikenhauser.

After the primate facility is built, Wikenhauser would like to start long-range planning for the Zoo. "We need to think about how the Zoo will look five or ten years down the road. The Milwaukee County Zoo, along with most other zoos, is becoming more and more involved with and dedicated to conservation, education and research. However, zoos are places for recreation, too. We need to maintain the high number of recreational visitors. The revenue they generate helps to financially support the conservation and research programs."

Although he's only been in Milwaukee a short time, Wikenhauser is learning to enjoy the area. "I appreciate the cultural assets that a large city, like Milwaukee, has to offer, but I also enjoy having access to nature. This is truly the heartland of America. There's a strong work and family ethic here. Some of that is reflected in the Dairy Complex at the Zoo. I think that exhibit is wonderful because it reminds people of Wisconsin's rural heritage. With the problems facing large cities today, people need to be reminded of their roots."

Wikenhauser recognizes the importance of support groups, such as the Zoological Society. "When I was director in Peoria, I helped organize its friends group because I realized that zoos can prosper with a support organization. I look forward to a productive and congenial relationship with the Society."

## Milwaukee AAZK participates in Bowling-for-Rhinos Benefit

by Karin Newman  
Chapter Liaison AAZK - Milwaukee

Milwaukee may be known for bowling but the names of these bowlers may not go down in history: Bess Frank, Cyd Mayer, Andy Teare, Yvonne Strode, Lois Kessler, Sue Simon, Wayne and Diane Hazlett, and Karin Newman. Nevertheless, this diverse group (which includes a general curator, Zoological Society staff member, veterinarian, keep and Zoo Pride volunteers, respectively) representing the Milwaukee Chapter of American Association of Zoo Keepers (AAZK), bravely ventured to Chicago on February 24 to participate in a *Bowling for Rhinos* fund-raiser to benefit the Ngare Sergoi Rhino Preserve in Kenya.

The Ngare Sergoi Rhino Preserve is a 10,000 acre sanctuary for black rhinos on the Lewa Downs Ranch near Isiolo, Kenya. The black rhino population has been decimated over the last 20 years, due to poaching for its horn and there now may be as few as 3,000 of these animals left in the wild. In Kenya, fewer than 200 remain. The Ngare Sergoi Preserve was established to provide a refuge for some of these remaining black rhinos. The preserve uses solar-powered security fences and armed guards to protect black as well as white rhinos. The sanctuary was initially funded by Englishwoman Anna Merz. Mrs. Merz's

Milwaukee bowlers include: (back row) Andy Teare; (middle row) Sue Simon, Cyd Mayer, Lois Kessler, Diane Hazlett; (front row) Karin Newman, Bess Frank, Yvonne Strode.

funds were soon depleted, however, and the operation of the preserve has become dependent on grants and private donations for survival since government support has not been provided.

The national AAZK organization had urged its local chapters to become involved in a *Bowling for Rhinos* fund-raiser during the week of February 18-24 to benefit the Ngare Sergoi Rhino Preserve. This year, the Milwaukee AAZK chapter was invited to participate in the bowl-a-thon sponsored by the Lincoln Park and Brookfield Zoos' AAZK chapters and held at Waveland Bowl in Chicago. Each participant was required to raise at least \$30 in sponsorships to be donated to the Rhino Preserve. The Milwaukee contingency brought \$1,272 in sponsorships to the event. Our most successful fund-raiser was Diane Hazlett, Zoo Prider and AAZK member, who collected \$434 in support money.

Generous individual donations came from the Milwaukee County Zoo and Zoological Society staffs, Zoo Pride volunteers, friends and relatives of the dedicated bowlers. Support was also received from



Photo by Wayne Hazlett

Affordable Office Systems, D and S Enterprises, Hub City Terminal, King Motor Sports, Noha Ceramics, Northwestern Coffee Mills, radio station WLTV and the Wisconsin Archeological Rescue.

Bowling For Rhinos was a huge success. Two hundred bowlers participated along with one hundred others who joined the bowlers for dinner. Keepers, zoo staff, volunteers, docents and friends from Lincoln Park Zoo, Brookfield Zoo, Shedd Aquarium, Milwaukee County Zoo and Racine Zoo bowled alongside each other and together brought in \$12,217 of sponsorship money. Another \$1,225 from raffle money and donations collected during the event brought the grand total to \$13,442.

The Milwaukee team did not break any scoring records. The scores did not matter so much as the commitment that each participant displayed in securing sponsors and attending the event. *Bowling for Rhinos* was a fun way to raise money to help deal with a very serious problem. Hopefully, this \$13,442 along with funds generated by other bowling fund-raisers around the country, will help to ensure a future for the black rhino.

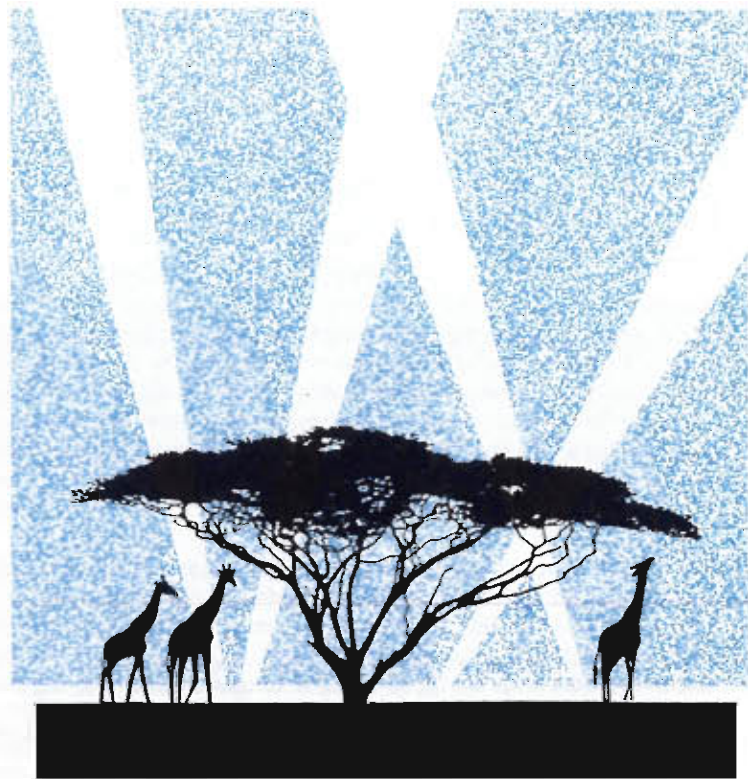
# American Airlines Presents Hollywood Discovers Africa

One June 30, the Zoological Society will transform the Milwaukee County Zoo into an evening of splendor for Zoo Ball VII, when "Hollywood Discovers Africa" is sponsored by American Airlines. Guests are invited to dress for a Hollywood Premiere, an African location filming, or come as their favorite movie executive. As you travel through the African continent, you will feast in three different areas, enjoying exotic foods, both ethnic and American. Entertainment promises to provide atmosphere and intrigue that will keep you smiling all night long.

For the adventurous, many truly memorial items have been donated to the Silent Auction. American Airlines has donated numerous exotic trips that will take you to the four corners of the world. An unforgettable, first class, two-week trip for two to the Orient has been donated by Cunard CruiseLine. For the land lover, a fabulous trip to Washington, DC aboard the American European Express Train is yours for the asking, along with many other valuable items.

All proceeds from the Zoo Ball VII will be used to help create the new Great Ape Complex. The ground breaking will take place later this year and it is scheduled for completion in 1992. When complete, visitors can safari into a tropical rainforest which will be the new home for the Zoo's lowland gorillas and bonobos. The jungle environment with earth berms will have forested trails running through the exhibits.

Co-Chairs, Lynn and Steve Clavette and Pamela and Dr. Donald Levy, and Vice-Chairs Bonnie and Leon Joseph, invite you and your friends to "The Wildest Party in Town" at American Airlines Zoo Ball VII. Your presence will help raise money for a new home for some of the world's most fascinating creatures. The cost is \$150 per person. Corporate tables are available for \$2,500. Reservations can be made by calling 258-2333.



## What Will You Wear to "Hollywood Discovers Africa"

Wear a one-of-a-kind ensemble by working with Jeffrey J. Olson to design the perfect costume for Zoo Ball VII. Whether it's a Bob Mackie type design (ala Cher), a Dior interpretation (for the cool, sophisticated look of Grace Kelley) — or exotic gauze and veils for an authentic Moroccan touch, Jeffrey J. Olson of J. Noslo Couturier can do it all.

All garments are custom-made at up to 50% less than retail. The workmanship is excellent and they strive to produce luxury items at an affordable cost.

J. Noslo Couturier will donate 15% of the total cost of every gown or costume made to Zoo Ball.

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If your mailbox is overflowing with unwanted catalogues and junk mail, you can do something about it. Write to Direct Marketing Association, 6 East 43 St., New York, NY 10017 and ask for your name to be eliminated from mailing lists. Their Mail Preference Service will stop your name from being sold by most large mailing list companies. This will reduce new pieces of junk mail by up to 75% — but will not affect mail you receive from companies that already have your address.

### Computer Insurance Claims Save Paper

Blue Cross & Blue Shield of Wisconsin has found an alternative to paper forms for processing claims. Insurance companies and the health care industry consume vast amounts of paper. Each time a person goes to a doctor or hospital, a claim is prepared, usually on paper. Blue Cross & Blue Shield offers an alternative call EMC (Electronic Media Claims). This system allows a doctor of a hospital to send claim information directly from their computers to Blue Cross & Blue Shield without using paper forms.

### Celebrate Earth Day & Beyond

April marks the 20th anniversary of Earth Day which prompted the creation of the Environmental Protection Agency, Clean Water Act and Clean Air Act. Earth Day was set up to develop awareness of the environmental state of our planet. Find out how far we have come — and how far we still need to go — by watching "Planet Earth," a seven-hour series premiering on The Discovery Channel on April 5. This series will take a close look at the geology and geography of the planet as it relates to man's dependence on natural resources. Watch for this series in your local cable guide.



### United States Senate

February 5, 1990

Dear Editor:

I was pleased to learn that future editions of ALIVE will be printed on recycled paper. If every magazine in the country were to follow your exemplary lead, the contribution would be significant.

Because I have made the environment one of my chief priorities here in Congress, I very much appreciate the opportunity to let your readers know about some of the things I've been working on.

One of my proudest moments since I arrived in Washington came when the League of Conservation Voters honored me at a ceremony for having earned a 100% environmental rating in 1989. At the end of each year, this non-partisan organization chooses the 10 votes which were most important to the environmental community as a whole, and rates Members of Congress based on how they voted. I was recognized for having voted pro-environment on every occasion.

The following is a list of other activities and bills which I have worked on, pertaining to environmental and wildlife protection:

- Introduced legislation, S. 1646, the Great Lakes Critical Programs Act, which addresses the problems identified at the Great Lakes hearings.
- Original cosponsor to S. 2006, a bill to elevate the EPA to a Cabinet-level agency, and rename it the "Department of the Environment", thereby enhancing the status and visibility of this important agency.
- Cosponsor of S. 370, the American Heritage Trust Act, to provide a permanent source of funding for federal land acquisition in national parks, national forests, and wildlife refuges, as well as funding for historic preservation and matching grants to state and local governments for public recreation purposes.
- Cosponsor of S. 346, the Tongass Timber Reform Act, to end environmentally and fiscally unsound management practices in the Tongass National Forest in Alaska.
- Cosponsor of the National Environmental Education Act, a bill to renew the federal government's commitment to environmental education and training.
- Cosponsor of a resolution declaring April 22, 1990 to be Earth Day, in honor of the 20th anniversary of the first Earth Day in 1970.
- Obtained a line-item appropriation of \$775,000 in the Senate's FY 1990 Interior Appropriations bill, allowing the Forest Service to acquire the Cathedral of Pines tract in the Nicolet National Forest, as well as \$157,000 for land acquisition in the Chequamegon National Forest and \$380,000 for dock improvements at Apostle Islands National Lakeshore.
- Successfully fought for a \$7 million funding increase in the Senate's FY 1990 EPA appropriations bill for the Clean Lakes Program, in order to provide additional funds for the clean-up of Delevan Lake in southeastern Wisconsin.
- Cosponsor of S. 324, introduced by Senator Wirth, a far-reaching bill designed to curb global warming.
- Obtained an appropriation of \$1.25 million in the FY 1990 Appropriations bill for EPA, providing federal funds for an urban airshed model in the southern basin of Lake Michigan — a complex computer modeling system to determine the sources and movements of air pollutants affecting southeast Wisconsin, Chicago, etc.

Thank you for the opportunity to inform your readers of some of the issues and projects in which I am interested and actively involved. Best regards to you all the readers of ALIVE.

Sincerely yours,

Herb Kohl, U.S.S.

# Zoological Society Celebrates Year of the Horse

The Chinese New Year, 4688, was welcomed in by 350 people who attended the second annual "Wok on the Wild Side" on a cold and snowy January 20. The Oriental extravaganza held on the 25th floor of the beautiful "100 East" building in downtown Milwaukee included a seven-course authentic Chinese dinner, catered by Lee Johns Catering and Toy's Chinatown Restaurant. The Chinese/American Civic Club arranged for diners to be entertained by Chinese musicians, and a martial arts demonstration. Dinner began and ended with the traditional dragon dance.

A fashion show, with clothing from Mr. Roberts and Mark Pasch, Ltd., was the hit of the evening. Associate board members, Catherine Gipple, Linda Grunau, Bonnie Joseph, Dick Podell and Barry Sattell; and board member, Jerry Reiser accompanied with models from Arlene Wilson New Faces took guests on a fashion excursion featuring Oriental and safari attire. Two lucky guests won a faux fur coat and a Hugo Boss suit, courtesy of Mr. Roberts and Mark Pasch, Ltd.

The lucky winners in the silent auction took home round trip tickets to San Francisco, donated by Northwest Airlines; a Ralph Lauren shopping spree from Marshall Field's; a gourmet dinner for eight at Toy's Chinatown Restaurant — and much more.

This year's "Wok on the Wild Side" committee was co-chaired by Myra Dorros and Paul Wong. Other committee members were Steve Catlett, Ed Chin, Christin Cleaver, Lisa Danegelis, Louie Danegelis, Catherine Gipple, Joe Goldberger, Jim Guldán, Lee Kordus, Jane Martin, Bill Maxon, Gloria McDonagh, Tina Moy, Pete Mozina, Dick Podell, Jerry Reiser, Arlene Remsik, and Sue Selig.

Proceeds from this event will benefit the Zoological Society's mission to "support, educate and conserve."



Photo by Mike Hepper



# Platypus Society



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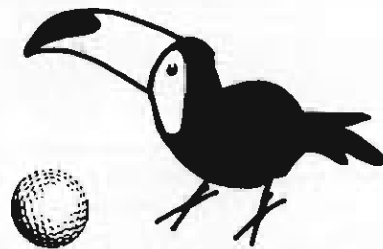
Victor Garces  
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GOLF TOURNAMENT

Join Us  
On July 23  
For A  
Complete Day  
Of  
Golf and Fun



Join hosts Bob Reitman and Del Harris for the "Miller Birdies & Eagles Golf Tournament" a complete day of golf and enjoyment at Ozaukee Country Club sponsored by Miller Brewing Company. Start the day with a refreshing brunch, then tee off for 18 holes of golf on Ozaukee's challenging course. Players have five opportunities to win a new car by getting a hole-in-one. Hang up your spikes and head for the cocktail reception and silent auction to place bids on two round trip business class tickets to anywhere American Airlines flies... or escape for a weekend to a luxurious condo in Door County. After a relaxing cocktail hour, proceed to the dining room for dinner.

Whether you birdie, bogie or eagle, you'll have a great time. Come yourself... or give it as a birthday or anniversary gift to a special person. The donation is \$200 per person and includes the entire day's activities.

Each golfer will receive one specially-designed, commemorative golf club and limited-edition poster.\* Please check your choice:

\_\_\_\_\_ Pitching Wedge \_\_\_\_\_ Sand Wedge \_\_\_\_\_ 60° Wedge

All proceeds will allow the Zoological Society to help create the new Aviary at the Milwaukee County Zoo, scheduled to open in 1991. Special thanks to Miller Brewing Company.

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Number of reservations @ \$200 \_\_\_\_\_

\*I am unable to attend the golf outing, but would like to order the commemorative golf club and limited-edition poster for \$50 plus \$10 shipping and handling \_\_\_\_\_ (Orders will be shipped after July 23, 1990.)

Please make checks payable to the Zoological Society of Milwaukee County and mail to 10005 W. Bluemound Rd., Milwaukee, WI 53226. For further information, call Debbie Martindale at 258-2333.

If you would like to join this special group of community leaders, call Bev Greenberg at 258-2333.

# New Waves

## BREAKING AT THE ZOO

by Elizabeth S. Frank

The latest project in the Milwaukee County Zoo's "New, New Zoo" is nearing completion. Totally funded by Zoological Society of Milwaukee County, the sea lion exhibit is undergoing renovation. The new exhibit will not only double the holding space and improve the keeper working areas, but will also add a new dimension to the visitor's experience by taking them underwater to see where the animals spend most of their time.

Seals and sea lions live in two different worlds. Their time is divided between life on the land and life at sea. An animal that looks clumsy walking on land, suddenly becomes graceful as it swims in the water. The new windows will give a unique underwater view of the two different species of pinnipeds exhibited in Milwaukee. A new overlook will showcase the animals from above.

In the tradition of the Milwaukee County Zoo, both California sea lions and harbor, or common, seals will be exhibited. These two species mingle freely in the wild where their ranges overlap. The polar bear, a predator of marine mammals, will serve as a backdrop to the exhibit. It should be interesting to compare the swimming abilities of the different species at the two underwater viewing sites.

Both the sea lion and harbor seal are members of the pinniped family. Pinniped means fin-footed; an apt description for all the members of this family. Included are the walrus and the elephant seal as well as the sea lion, fur seal, and true seals.

All pinnipeds are warm-blooded, air-breathing mammals which have developed



representative of the true, or earless seals. It is smaller than the sea lion with a very short neck and large, round eyes. If you look closely at the head it is difficult to see the ears. The harbor seal has no ear lobes, hence the name earless seal.

On land, the harbor seal seems to have difficulty moving. The front flippers are used to help pull the body but movement is accomplished by hunching the body along like an inchworm. Even though this gait appears awkward, a seal may travel for long distances on land.

The harbor seal may not be able to use the rear flippers on land but they provide power for the animal to swim. The movement of the rear flippers propels the seal through the water. The front flippers are used for steering.

The California sea lion (*Zalophus californianus*) represents the sea

special adaptations for their dual life style. Life on the land and in the water provides two very different sets of problems to be overcome. Both the harbor seal and the sea lion show the wide range of these adaptations.

Before we discuss the many similarities, let us look at the differences in the two species. They are very easy to differentiate looking at their external characteristics. The pinniped family is divided into three major groups. The true seals are the largest group representing the greatest range of different species. The sea lions and fur seals are closely related and comprise the second group. Walruses are also pinnipeds but are quite different from the other two groups.

The harbor seal (*Phoca vitulina*) is a

lions and the fur seals. They are also known as the eared seals because they have tiny earlobes. The sea lion has a longer neck and muzzle than the seal. When a sea lion is sunning, it will prop itself up on the front flippers and stretch out the neck. This position is impossible for a seal to achieve.

The sea lions can move their rear flippers forward. While they are on land, they use their back flippers like long feet. This movement gives the sea lion its distinctive rolling gait. Sea lions can be fairly agile on land but they are much more graceful under water.

Unlike the harbor seal, the sea lion does not use its rear flippers for swimming. Sea lions use their front flippers to propel them through the water. The rear flippers are used like a rudder on a boat to help steer.

## Special Events Spring into the Season

With the snow finally melting away, it's time to look ahead toward some springtime excitement planned at the Zoo.

The fun begins with some real hoppin' when April 14 and 15 from 9 a.m. to 4 p.m. brings Egg Days to the Zoo sponsored by WOKY and WMIL. Hop over first to the Peck Welcome Center to make an Easter Basket to hold your eggs and visit with Mr. & Mrs. Bunny. Then it's on to create your very own Easter Bonnet, tie and Bunny Ears. For children 12 and under, don't forget

to pick up some Easter Eggs filled with candy at the Stackner Heritage Farm. (Some will even have special surprises!) The hours for picking up your eggs are 10 a.m. to 4 p.m. each day with a five minute closing break at noon and 2 p.m. (Bunnies need their rest too!) The Egg Hunt has had a slight bunny change, but still promises to be lots of laughs. At 1 p.m. each day, Kids Korp will perform in the Peck Welcome Center, filling your day with some heart warming entertainment. Immediately following, at 2 p.m. each day, will be the Milwaukee County Zoo's very own Easter Parade. Here's your chance to show off those Easter Bonnets, ties and Bunny Ears and stroll the Zoo grounds with some of your bunny, chicken and duck friends.

April 21 is the Forest Appreciation/Happy Earth Day event — sponsored by WTMJ Radio and Wisconsin Electric Power Company in cooperation with the Governor's Council on Forestry, the Nurserymen's Association and the Department of Natural Resources. Come out and show your support for the trees and the earth while you enjoy your visit at the Zoo. Free admission along with a free tree will be offered to the first 10,000 people who bring a grocery bag full of aluminum cans to be recycled.

Saturday, May 5 at 1 p.m. the Photo Contest winners will be announced at a ceremony in the Peck Welcome Center. All entries will go on exhibit May 5 and remain up until Monday, June 4.

George Webb's Mother's Day Celebration at the Zoo makes Sunday, May 13, even more special for your mom. Pick up a free admission coupon for mom at a participating George Webb restaurant.

Saturday, May 19 is a special day for both the Milwaukee County Zoo and the Zoological Society of Milwaukee County when the new underwater viewing sea lion exhibit opens. There is double fun that day as it is also the opening of our Surfin' Safari Sea Lion Show in the Sea Lion Theatre. The day promises to be a real California good time so be sure not to miss the excitement.

Conservation Weekend will fill two days with educational fun on June 2 and 3. An "Earthy Event" is the theme this year in honor of the world's commitment in 1990 to begin to think globally and act locally toward change. The event is co-sponsored by the Zoological Society of Milwaukee County in cooperation with Keep

# ALIVE

Zoological Society of Milwaukee County

Support • Educate • Conserve  
Spring 1990

Greater Milwaukee Beautiful, Community Veterinary Clinics, and the Boy Scouts of America.

Representatives from national and local conservation groups will be on hand sharing their knowledge with two days of interesting lectures on conservation issues. Free admission for juniors 12 and under will be offered from 9 a.m. to noon if a grocery bag is brought filled with any combination of: aluminum cans, glass bottles, plastic milk or soda bottles, and newspaper. Please rinse all containers thoroughly.

Gain an understanding of scouting on Saturday during Conservation Weekend when Cub Scouts, Boy Scouts and Explorers show off their scouting skills with demonstrations and entertainment all revolving around a conservation theme.

The Dairy Council of Wisconsin Education Center at the Zoo will host a variety of activities involving recycling, puppets and science, giving children a chance to make something to carry home with them.

The weekend promises to give you plenty of information to take home and think about so you, too, can make a difference.

June 17 is the day for dads, and Cousin's Submarine is helping make it possible. Stop by a participating Cousin's and pick up a free admission coupon for your dad. A day at the Zoo with dad — you can't get much better than that!

As spring turns into summer things really begin to sizzle, so stay tuned for Teddy Bear Days, July 13-15 and that yummy Feast with the Beasts, Milwaukee a la Carte, August 16-19.



Local athletes enjoyed the Zoo in January — and raised funds — by participating in the Samson Stamp.

# Educational Program Information

## BE W.I.S.E.

The "Wisconsin Information to Save the Environment" display featuring Lyme disease was unveiled at the Sentinel Sports Show in March. The exhibit entitled "Smart People Take Smart Precautions", is now located

in our Education Center and will be on display for six months. Stop in the Education Center to learn more about Lyme in Wisconsin. This educational exhibit is a joint effort of the Zoological Society, the Department of Natural Resources and the University of Wisconsin Cooperative Extension Service.

## YOUTH GROUP WORKSHOPS

Bring your scout, 4-H, or other youth group, (ages 6 to 9) to "Summer Animal Fun", Saturday, June 30, at 9:30, 11:30 or 1:30. Cost of the workshop is 25¢ per child (does not include zoo admission). Seating is limited and reservations are required. Call 256-5421, Mon-Fri, for information and reservations.

## A VISIT TO THE PLANET EARTH!

Mount Mary College is featuring a Symposium in celebration of "Earth Day 20". The program will be held on their campus from April 22-27. In an effort to continue the environmental awareness which began with Earth Day twenty years ago, Mount Mary will devote a week to community education and environmental activities. For more information call Mount Mary at 258-4810.

## BEATRICE CHEESE . . . A FRIEND TO EDUCATION

Animal "Mask-erade" invites scholl groups to create a North American animal mask with a Native American flavor. A group of children will be wearing masks in the City of Festivals Parade on June 23. If you know of an interested teacher call 256-5423. The "Festival of Dairy" on June 2 & 3, features Beatrice the talking cow, a scavenger hunt, an activity room and more! Since this is also Conservation Weekend, you and your family can plan to have a festive time!

## Summer Camps at the Zoo Sponsored by Walgreens

A special thanks to Walgreen Company for sponsoring the summer camp program. Because of their generosity, the Zoological Society is able to keep the camps at an affordable price, pay for printing and materials, and offer scholarships to children from low-income families.

## 1990 SUMMER CAMP REGISTRATION INFORMATION

May 5th: (Saturday): In-person Priority Registration; doors open at 9:30 a.m. and registration will end at 2:00 p.m. LOCATION: 9715 W. Bluemound (former GMAC building, just east of the Zoo exit gate); parking behind building; forms and listings will be available on that day.

We will open mail-in registrations beginning May 14. To receive a registration form, send order form\* plus a stamped, self-addressed, business size envelope (one for each child you wish to register) to: Zoo Camps, 10005 W. Bluemound Rd., Milwaukee, WI 53226. Forms will be sent after April 20th.

The following camps will be offered for children ages 3-15. (Those with a † indicate new camps this year.)

**Parent Workshop** - two hour workshop; cost Society members \$7, general public \$9; includes parking; dates: July 18 & August 27.

**Jr. Reporter's Workshop** - full day workshop for ages 11-15; cost Society \$12, public \$15; date: July 9.

†**Creative Writing Workshop** - full day workshop for ages 11-15; cost Society \$12, public \$15; date: August 6.

**Zoo Director Camp** - one-day session for ages 9-14; cost Society \$12, public \$15; dates: July 16, 17 & August 13, 14, 15.

**Veterinary Science Camp** - one-day session for ages 9-14; cost Society \$12, public \$15; dates: June 27, 28, 29 & August 9, 10.

**Exploring Animals and Art** - one-day workshop for ages 7-9, July 11, 12, 13; and for ages 10-14, July 10; cost Society \$15, public \$20.

**Photography** - one-day workshop for ages 10-14; cost Society \$15, public \$20; date: August 2.

†**Career Day** - one-day workshop for ages 11-14; cost Society \$12, public \$15; date: August 8.

†**Safari Camp** - one-day session for ages 9-14; cost Society \$12, public \$15; dates: July 23, 24 & August 23, 24.

†**Tiny Tots Workshops for three-year-olds** - 1½ hour session; parent attends w/child; cost Society \$9, public \$11; dates: June 27, July 16, 17, August 13, 14.

### Camps for ages 4 & 5:

**Junior Zookeeper** - one-half day session for ages 4 & 5; cost Society \$6, public \$9; dates: June 18, July 18, 19, 20 & August 1, 2, 3.

†**Ocean Treasures** - one-half day session; cost Society \$6, public \$9; dates: July 11, 12, 13, 27, 30, 31 & August 21, 22.

### Camps for age 6:

†**Crafty Creatures** - one-half day session; cost Society \$6, public \$9; dates: July 26 & August 8.

†**Crawlie Creatures** - one-half day session; cost Society \$6, public \$9; dates: July 25 & August 20.

### Camps for ages 7 & 8:

**Discovery Camp** - one-day session; cost Society \$12, public \$15; dates: June 25, 26, July 9, 10.

**Dino Camp** - two half-day sessions; cost Society \$12, public \$15; dates: June 19 & 20, June 21 & 22, July 2 & 3, August 6 & 7.

### \*Order Form: Summer Camps 1990

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

# of forms requested \_\_\_\_\_

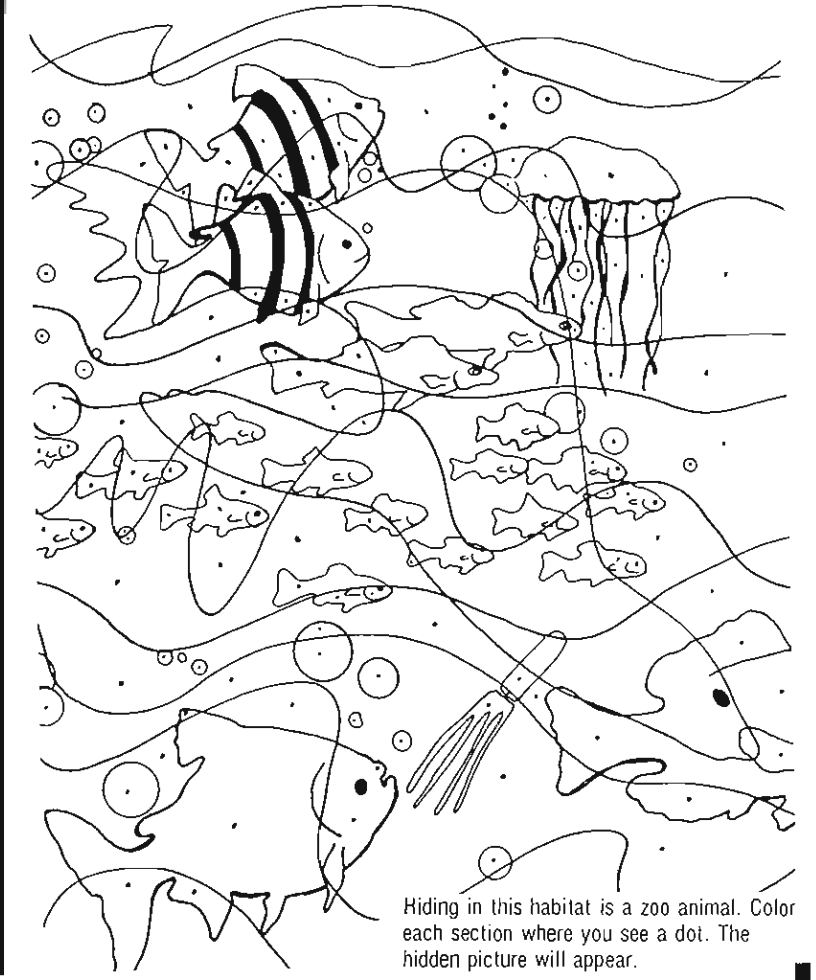
Camp name \_\_\_\_\_

Remember you need to request one form for each child and include a self-addressed, stamped envelope for each child.

Return to Zoo Camps, 10005 W. Bluemound Rd., Milwaukee, WI 53226.

# 4 KIDS

Big male sea lions have a mane of fur around their heads. This makes them look very much like a lion. People named them sea "lions" because they reminded them of male African lions. Color the mane around the sea lion's head.



Hiding in this habitat is a zoo animal. Color each section where you see a dot. The hidden picture will appear.

# THE CURIOUS CORNER

## WHY DO ZEBRAS HAVE STRIPES?

Five-year-old Cori Leonard of Menomonee Falls is curious and wants to know.

Scientists have been arguing that questions for years. Some think that the white stripes help cool the zebra by reflecting sunlight, just like you are cooler when you wear a light-colored shirt on a hot day. Others think that the stripes confuse lions and other predators. They say that a charging lion has a hard time picking one zebra out of the group because all the stripes go in every direction when the zebras run. Some even think that the stripes confuse mosquitos and flies.

The latest idea is that the stripes help keep the group or herd of zebras together. One scientist put zebras near striped walls. The animals automatically walked toward the walls. The scientist thinks that this means zebras like stripes. If they like stripes they would feel best when surrounded by stripes. That would keep them together in large herds. It is very important for zebras to stay together in herds. A lone zebra wouldn't have a chance against a family of lions.

None of these ideas completely explains why zebras have stripes. I think we need to learn more about zebras. Maybe Cori Leonard will be the scientist who someday discovers exactly why zebras have stripes!



## WHY DO ELEPHANTS HAVE TRUNKS?

Allison Balke, a second grader at Glen Park School, is curious and wants to know.

The trunk is actually a large nose and upper lip combined. With more than 40,000 muscles, it is an amazing organ. The elephant can use it to pick up a peanut or tear a tree out of the ground. It breathes and smells with its trunk. The elephant can suck as much as 13 gallons of water into its trunk at one time. Then, it can squirt the water into its mouth or over its back. It also throws dust over its back with its trunk. This is an elephant's way of scratching its back. A mother elephant even uses her trunk to rock her baby to sleep or spank it when it's naughty. The next time you visit the Zoo, watch the elephants and see how many ways they use their trunks.

If you are a curious person, age 12 or younger, who has a question about animals or the Zoo, write to "The Curious Corner", c/o ALIVE MAGAZINE, 10005 W. Bluemound Rd., Milwaukee, WI 53226. If your question is selected for publication, you will receive an inflatable Jungle Giraffe. The three-foot tall animal includes fun facts about the giraffe. It retails for \$15.00.

# Calendar

<b>APRIL</b>	<b>7</b> <b>Bonobo Fitness &amp; Sports Evening</b> Enjoy tennis, 3-on-3 basketball, swimming, water aerobics, wallyball — and more at the Highlander Elite Fitness and Racquet Club. To register, call 258-2333.		<b>14-15</b> <b>Egg Days</b> Hop over to the Zoo for an old-fashioned Easter Egg hunt and lots of fun for the whole family.	
<b>MAY</b>		<b>13</b> <b>Mother's Day</b> It's free admission to the Zoo for mom. Call 256-5412 for details. Visit your local George Webb restaurant to receive an admission coupon for mom.		<b>Sea Lion Exhibit Premier</b> An exclusive sneak peak of this renovated exhibit featuring underwater viewing for Zoological members only. Watch for your invitation in the mail.  <b>Sea Lion Underwater Viewing</b> The sea lions will have a new home and you will see them through underwater viewing windows when the new sea lion exhibit opens.
<b>JUNE</b>	<b>2-3</b> <b>Conservation Weekend</b> The Milwaukee County Zoo continues to take a leadership role on conservation issues. Visit the Zoo this weekend for guest speakers, recycling tips and more!	<b>13</b> <b>"Night in June"</b> A very special evening at the zoo for Zoological Society members only. An invitation with details and times will be mailed in May.	<b>17</b> <b>Father's Day</b> Free admission to the Zoo for all dads when they pick up a coupon at any area Cousin's Submarine restaurants.	<b>30</b> <b>Zoo Ball VII</b> Don your pith helmet and khakis, or dress as your favorite movie star for "Hollywood Discovers Africa."
<b>JULY</b>		<b>13-15</b> <b>Teddy Bear Days</b> The Zoo has five different types of bears — grizzlies, Alaskan Browns, polar, black, and Himalayan. The variety gets even greater this weekend when bear lovers of all ages bring their favorite teddies to the Zoo.	<b>23</b> <b>Miller's Birdies &amp; Eagles Golf Tournament</b> Join WKTJ's Bob Reitman and Del Harris of the Milwaukee Bucks at the Ozaukee Country Club for a day of golf and entertainment. Call 258-2333 for details.	

The sea lions at the Milwaukee County Zoo live within sight — and smell — of their natural predators, the polar bears. In the wild, California sea lions can be found along the California coast, on the Galapagos Islands, and off the coast of Japan.

Neither sea lions nor harbor seals are endangered in the wild. Every year many youngsters are stranded or orphaned and raised by rescue groups and zoos on both coasts. All of our animals were raised in this way, coming to Milwaukee after they had been nursed back to health. Not all the rescued animals can be returned to the wild. Each year the zoo gets a number of calls trying to place young seals and sea lions in need of a home.

The Milwaukee County Zoo has decided not to breed these animals, maintaining them in single sex groups. Currently, our pinniped population consists of three female California sea lions, Susy, Pudgy, and Lady and one male harbor seal, Ringo. Susy and Pudgy arrived at the zoo from Sea Lions International in May of 1978. Lady arrived in July of the same year. They were probably all born in May or June of 1977. In captivity, sea lions are long lived, reaching ages of fifteen to twenty years. One female California sea lion died last year at the age of twenty-two.

Ringo, the harbor seal, was raised in Marineland in California. He was born in 1978 and arrived in Milwaukee in 1979. For many years he lived in the Small Mammal House. He was moved in with the sea lions while the glass in his exhibit was being repaired. The group got along so well, it was decided to keep them together. Ringo's old exhibit is now the home of the Asian small-clawed otters.

The harbor seal and sea lion come from differing parts of the world and have separate social structures. The harbor seal, or common seal as it is known in Europe, has a very wide range. It is found on both sides of the Atlantic Ocean along the eastern coast of North America and along the coastlines of England, Scandinavia,

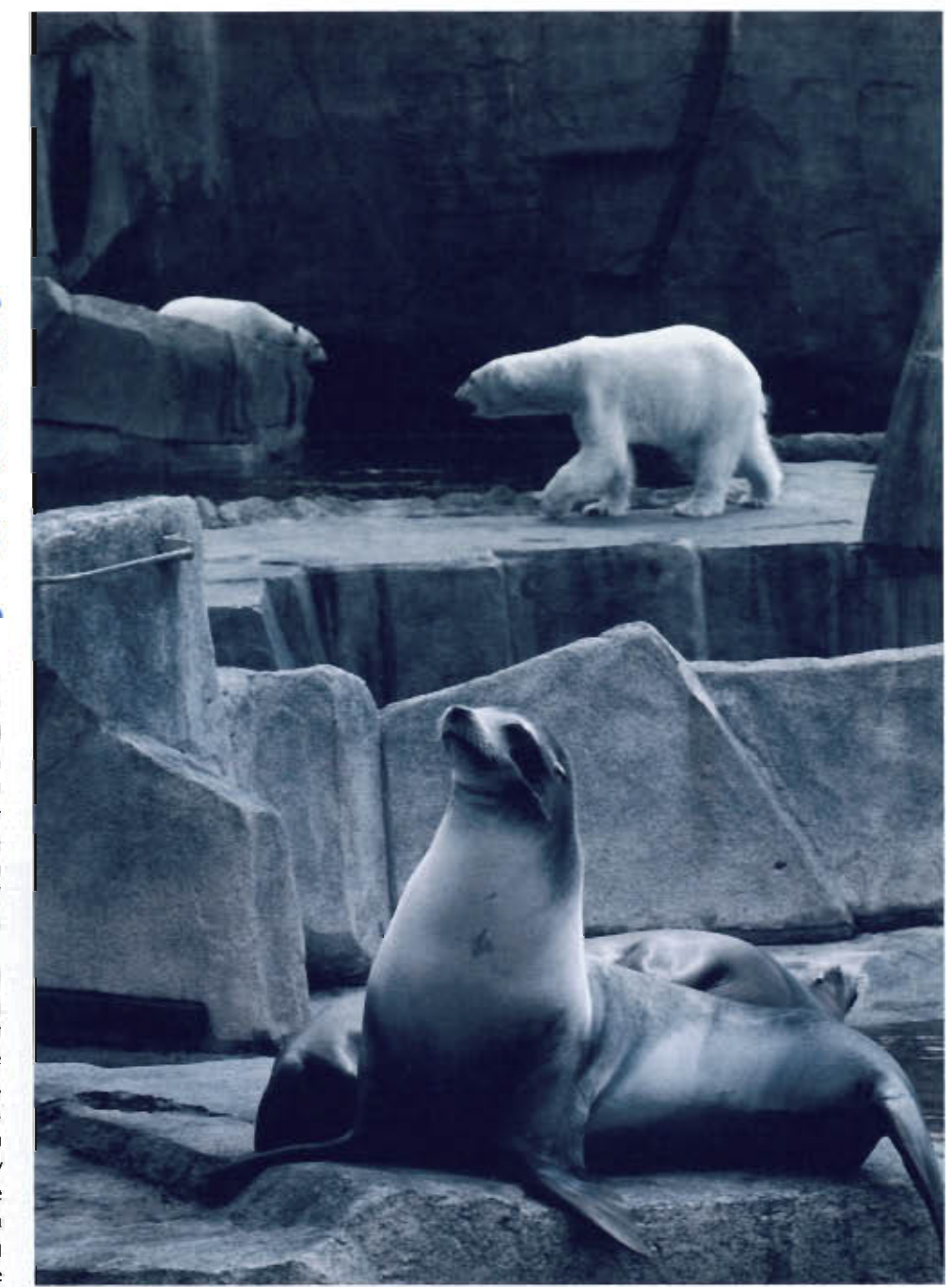


Photo by Mike Nepper

and continental Europe. The harbor seal also ranges over to the Pacific Ocean and can be found along the western coast of North America. It is here that its range overlaps that of the California sea lion.

The harbor seal tends to be a solitary breeder; not congregating in large rookeries like sea lions. The males and females are about the same size. Harbor seal pups are born in May or June. The pups are very precocious. They are able to swim and dive within a few days of their birth.

Like other seals, the harbor seal does not nurse for long. The females produce a highly concentrated milk which transfers nourishment to the pup much more effectively than the milk of land mammals. Harbor seal pups will nurse for only three or four weeks before they are fully weaned.

Harbor seals are preyed upon by killer whales and sharks as well as man. The wild population has been reduced by hunting and now concern is being raised over ocean pollution. Seals are near the top of their food chain. They tend to concentrate all the chemicals and pollutants found in their food supply in their fat layer. Scientists are still studying the effects of high levels of chemicals and pesticides on the wild populations.

The California sea lion is found exclusively in the Pacific Ocean. Three distinct populations of the genus *Zalophus* have been identified. The primary group is found along the California coast. Although mem-

continued on next page



bers of this population may range as far north as Washington state.

A group of male California sea lions is causing considerable problems off the coast of Seattle. These animals are eating a majority of the steelhead trout as they make their annual winter spawning run in Puget Sound. The population of wild steelhead trout is down to about 3,000 in Washington's Cedar River. Efforts to trap and relocate the sea lions have failed so far. The Washington Wildlife Department is considering its options.

The Galapagos Islands is the home for another population of California sea lions. This group appears to be distinct from those found in California. Work is now being done to study this group of animals to compare them with the northern sea lions.

A third group was formerly found off the coast of Japan. This group is listed as endangered and is probably extinct on the Japanese coastal islands. Reports of its continued existence on Dokto Island in the Sea of Japan are being investigated.

The sea lion is a highly social, gregarious animal. They are usually found in groups year-round, not just during the breeding season. The three females at the zoo will often pile upon one another when they sun themselves. The sea lion is the species of pinniped most often exhibited in zoos.

Sea lions are sexually dimorphic with adult males being two to three times larger than the females. An adult female might weigh 200 pounds but an adult male can weigh over 600 pounds.

During the breeding season, the males will come ashore before the females and establish a territory along the coastline. Starting in May, they will defend their stretch of beach from other males for a period of up to four months. Sea lions form loose harems. This means that the females will move from one male's territory to another.

The females will come ashore in late May or early June to give birth. All the pups for the year will be born within a time span of just a few weeks. These congregations of sea lions, called rookeries, help protect the young sea lions from marine predators. The females give birth to one young and are closely bonded with their infants. If a youngster is orphaned it will not be adopted by another member of the group.

The females breed shortly after giving birth. The fertilized egg will

not develop for several months, a process called delayed implantation. This enables the female to replenish her fat stores before developing another fetus. It also allows all the pups to be born during the same time period.

Sea lions must give birth on land. The young pups are unable to swim for about ten days. During that time, the female will leave the pup on the beach while she goes out to feed. When the pup is old enough, the female will take it down to the water's edge and teach it to swim in the shallow waters.

*An animal that looks clumsy walking on land, suddenly becomes graceful as it swims in the water.*

Photo by Mike Nepper



Unlike the harbor seal, a young sea lion will nurse up to six months before being fully weaned, though it will start fishing with its mother long before that time.

Given these differences in the seal and sea lion, let us examine the similarities that have developed for their unique life style. The first clue that these are probably aquatic mammals comes from the shape of the body. The bodies of pinnipeds are streamlined without a lot of appendages to cause drag in the water. They can look like a stuffed sausage or a fat cigar.

The body shape provides other advantages besides making swimming efficient. Seals and sea lions are warm-blooded mammals. They must maintain an internal body temperature that is much higher than the temperature of the surrounding water. Heat loss happens more quickly in water than it does in the air. The body shape minimizes the amount of surface area that is in contact with the water thereby reducing the amount of heat that is lost to the water.

The hair coat helps to trap air and water next to the skin, providing a further layer of insulation. The distinctive torpedo shape of pinnipeds comes from a thick layer of blubber covering the animal. The blubber also helps to insulate the animal against the cold. Temperatures taken of the animals' skin show that the blubber serves as a temperature gradient. The skin temperature will approach that of the water temperature. The change between the internal temperature and the water temperature will be graded over the blubber layer.

What is an advantage in the water can be a disadvantage on the land. Sea lions are found in warm climates where the air temperature is greater than their body temperature. The adaptations that help them conserve heat in the water will also overheat the animal while it is on land. The animal can bypass the insulation of the blubber by increasing the amount of blood flow to the skin and the blubber layer. Increasing the blood flow to the surface helps the animal to dissipate the heat that it is producing.

Blubber is also a reserve energy source during periods of prolonged fasts. Males defending a territory may not eat for several months. During this time they get the nutrients they require from their layer of fat.

The nose of the pinniped is very unusual. These animals must breath air in order to survive and yet

the natural position of the nostrils is closed. There are special muscles that allow the animals to breath by opening the nostrils if the animal is on the surface or on land. But as soon as the animal relaxes, the nostrils will shut again. This is a great advantage while swimming and diving.

The mouth, jaws, and teeth of pinnipeds are developed for grasping and tearing their food rather than chewing. If a sea lion is given a large fish, it will tear it apart using just its teeth and shaking its head. Sea lions tend to be very messy eaters. There is an advantage to the animal swallowing their meals whole. If any medications are given, they are easily slipped into a fish. The animal will gulp it down without any problem.

Both the harbor seal and sea lion are carnivores or flesh eaters like the lion and tiger. Seals and sea lions hunt in the ocean rather than on land. In the wild they feed on a variety of fish, shellfish, octopus and squid. In the zoo they are given different kinds of fish, supplemented with vitamins and minerals. These animals have been hunted in the past because it was thought they were depleting commercial fish catches. It has been demonstrated that they do not have a noticeable effect on commercial fishing in most areas.

The seals and sea lions have also developed adaptations for spending long periods of time under water and at significant depths. The harbor seal can spend up to twenty minutes under water without taking a breath. The sea lion can stay under for up to fifteen minutes. These animals have developed mechanisms for preserving the oxygen in their bodies. This allows all the vital parts of the organism to function without a continual supply of air.

As soon as a harbor seal goes under water, its heart rate will drop precipitously. The heart rate will go from 140 beats per minute down to less than ten beats per minute. The change happens so quickly that it must be caused by a nerve reflex. The heart rate will rise again to 140 beats per minute as soon as the dive is over.

The animal will also completely redistribute the flow of blood within its body during a dive. The vessels in the periphery will constrict taking less blood away from the vital organs. The oxygen rich blood will be concentrated to the brain and heart.

The muscles of these animals have a larger concentration of hemoglobin, the molecule that carries oxygen, than land mammals. The amount of hemoglobin is not enough to account for the long duration of dives in these mammals. The redistribution of the blood flow along with the ability of the muscles to work for long periods without oxygen are the major

## Zoo Ball Creates Fun and Funds

The renovation of the sea lion exhibit was fully funded by the Zoological Society through funds raised at Zoo Ball VI. Since the first Zoo Ball in 1984, each event has been instrumental in creating new exhibits at the Milwaukee County Zoo. Following is a list of Zoo Balls, their co-chairs, and projects that were funded with the proceeds:

### Zoo Ball I, "Cheza Ngoma"

Co Chairs: Sandy & Sunny Williams  
John & Peggy Burns

Project Funded: "Great Ape Escape," an outdoor facility for the Zoo's lowland gorillas

Amount Raised: \$73,140

### Zoo Ball II, "Marrakesh Express"

Co Chairs: Mr. & Mrs. Steven McLaughlin  
Mr. & Mrs. Robert Elliott

Project Funded: Wolf Woods, an outdoor facility where visitors can view the Artic wolves from a wooded path or rock overview

Amount Raised: \$113,000

### Zoo Ball III, "Polar Expedition"

Co Chairs: Buzz & Mary Beth Carr  
Dick & Sue Steinman

Project Funded: Polar bear exhibit including underwater viewing

Amount Raised: \$132,000

### Zoo Ball IV, "A Night in the Congo"

Co Chairs: Bud & Roxy Heyse  
Bob & Jane Ann Kahlor

Project Funded: Great Ape Complex, scheduled to open in 1992

Amount Raised: \$155,000

### Zoo Ball V, "Birds of a Feather"

Co Chairs: Jim & Susie Lindenberg  
Jay & Caroline Robertson

Project Funded: Renovated Aviary, scheduled to open in spring of 1991

Amount Raised: \$159,000

### Zoo Ball VI, "Night Flight Adventure"

Co Chairs: Barry & Judy Sattell  
James & Mary Uihlein

Project Funded: Sea lion exhibit to include underwater viewing

Amount Raised: \$126,851

Only six Zoo Balls have raised over \$750,000 — a quarter of a million dollars. Many new exhibits or renovations were made possible through the private support of hundreds of people who have attended Zoo Balls, donated unique items for the silent auction, purchased tickets for the fund raiser, or have helped defray expenses by becoming sponsors. This private support from individuals, corporations and foundations has helped the Milwaukee County Zoo maintain its world-class status.

adaptations to the aquatic lifestyle.

The California sea lion can reach a depth of 100 meters in a relatively short period of time. These adaptations make these dives possible.

The harbor seal and California sea lion are truly incredible creatures. The new windows to their world will help the visitor to appreciate the unique characteristics of these animals. Hopefully, they will also serve as ambassadors for the health of the oceans and waterways. High levels of DDT and PCB's are being found in the sea lions off the California coast. Since they are such long-lived animals it may be years

before we know the affect these chemicals are having on our marine mammals.

The new exhibit will open the week of May 13. Come share in the festivities or come during the summer and hear the Animal-in-Action program conducted by the keepers. Meet Susy, Pudgy, Lady, and Ringo and let them welcome you to their world.



*Elizabeth Frank is General Curator at the Milwaukee County Zoo.*

# Zoological Society Video to Feature Stefanie Powers

by Bev Greenberg  
Vice President, Zoological Society



Stefanie Powers is described as having "moxie" by Tom Mankiewicz, director of the popular TV series "Hart to Hart," in which Ms. Powers stars. "Moxie" is defined as bravery, skill, know-how and courage. Since Stefanie Powers is all that — and more — she appropriately graces the cover of the March, 1990 issue of *Moxie* magazine. Ms. Powers is an author, producer, actress, black belt in karate, polo champion, clothes designer, is fluent in six languages and a spokesperson for the Zoological Society of Milwaukee County.

In a video scheduled for release this spring, Ms. Powers will speak on behalf of the Zoological Society's mission to support the zoo, educate people about the importance of wildlife and the environment and conserve endangered species and their habitats.

During a recent interview with Ms. Powers at the Los Angeles Zoo, I spoke with her about her dedication to conserving wild animals, exploring the world, and preserving our environment. As president of the William Holden Wildlife Foundation, her heart is truly with animals.

William Holden established the Mount Kenya Game Ranch for the captive breeding of species and began a wildlife education program for the children of Kenya. After his death in 1981, Ms. Powers established the foundation to carry on the work he had begun. Any time Ms. Powers isn't in Los Angeles, she's in Kenya — or in some other part of the world — promoting the foundation's virtues.

According to the foundation literature, completely written by Ms. Powers, the foundation is located on a reserve which shelters more than 1,000 animals of 26 different species. It is the source of educational videos, lectures and outreach programs that educate native residents on the necessity of wildlife preservation.

The William Holden Wildlife Foundation's goals are: 1.) to awaken an awareness and understanding of the balance of nature, and the vital role the animals play in the environmental network; 2.) to teach ways to realize conservation of both wildlife and the environment in light of man's need to exploit both resources; 3.) to enact specific wildlife studies as they impact on the environment and the world at large; and 4.) to continue research on animal reproduction for captive breeding programs.

As we discussed these goals and the problems of our environment — about waste disposal, recycling and reuse of materials, specifically — she stared at me intensely and said, "The fact that our society is conditioned to throw things away is a serious problem. Recently, when I tried to get a cellular phone and television repaired, I was told to throw them away instead. What effect is our throw-away society going to have on the world — on our future? We have to be individually responsible for our environment. We have to save the habitats of our animals."

She spoke with authority and with a reverence for animals and our earth. We are proud that she will also speak on behalf of the Zoological Society and its mission.

Other Zoological Society and Milwaukee celebrities featured in this video include: Jack McKeithan, Zoological Society board member and President of Tamarack Petroleum; Jerry Reiser, also a board member and President of Marquette Electronics Foundation; and Sue Selig, long-time community activist and Associate Board member. The video tape will be used to explain the Zoological Society's mission to corporations and individuals in the Milwaukee area.

Join the Zoological Society and receive FREE admission to the Milwaukee County Zoo and to 115 other Zoos and Aquariums in the United States and Canada.

<b>ALABAMA</b> Birmingham Zoo Montgomery Zoo	<b>HAWAII</b> Panewa Rainforest Zoo (Hilo) Waikiki Aquarium (Honolulu)	<b>MASSACHUSETTS</b> Franklin Park Zoo (Boston) Veterans Memorial Park & Zoo at Burtonwood (New Bedford)	<b>MINNESOTA</b> Carmo Zoo (St. Paul) Lake Superior Zoological Gardens (Duluth) Minnesota Zoological Garden (Apple Valley)	<b>NORTH CAROLINA</b> North Carolina Zoological Park (Ashboro)	<b>UTAH</b> Hogle Zoological Garden (Salt Lake City)
<b>ARIZONA</b> Reid Parks Zoo (Tucson)	<b>IDAHO</b> Ross Park Zoo (Pocatello) Schwartz Children's Zoo (Decatur)	<b>MICHIGAN</b> Baker Park Zoo (Battle Creek) John Ball Zoological Gardens (Grand Rapids) Detroit Zoo	<b>MISSISSIPPI</b> Jackson Zoological Park	<b>NORTH DAKOTA</b> Dakota Zoological Society, Inc. (Bismarck)	<b>VIRGINIA</b> El Paso Zoological Society Fossil Rim Wildlife Ranch Gladys Porter Zoo (Brownsville) San Antonio Zoological Gardens & Aquarium The Texas Zoo (Victoria)
<b>ARKANSAS</b> Little Rock Zoological Gardens Northwest Arkansas Zoo (Fayetteville)	<b>ILLINOIS</b> Glen Oak Zoo (Peoria) Hanson Robinson Zoo (Springfield) John G. Shedd Aquarium (Chicago) Lincoln Park Zoological Gardens (Chicago) Miller Park Zoo (Bloomington) Schwartz Children's Zoo (Decatur)	<b>MISSOURI</b> Dickerson Park Zoo (Springfield) Kansas City Zoological Gardens St. Louis Zoological Park	<b>MISSOURI</b> Dickerson Park Zoo (Springfield) Kansas City Zoological Gardens St. Louis Zoological Park	<b>OHIO</b> Akron Zoological Park Cincinnati Zoo & Botanical Gardens Cleveland Metroparks Zoological Park Columbus Zoological Gardens Tahlequah Zoological Gardens	<b>WASHINGTON</b> Mill Mountain Zoological Park (Roanoke)
<b>CALIFORNIA</b> Charles Paddock Zoo (Atascadero) The Fresno Zoo Knowland Park Zoo (Oakland) The Living Desert (Palm Desert) Los Angeles Zoo Miche Grove Zoo (Lodi) Sacramento Zoo San Francisco Zoological Gardens Santa Ana Zoo Santa Barbara Zoological Gardens Sequoia Park Zoo (Eureka)	<b>INDIANA</b> Fort Wayne Children's Zoo Mesker Park Zoo (Evansville) Potawatomi Zoo (South Bend) Washington Park Zoo (Michigan City)	<b>NEBRASKA</b> Folsom Children's Zoo (Lincoln) Henry Dooley Zoo (Omaha) Heritage Zoo (Grand Island)	<b>NEW JERSEY</b> Turtle Back Zoo (W. Orange)	<b>OREGON</b> Washington Park Zoo (Portland)	<b>WEST VIRGINIA</b> Good Children's Zoo (Oglebay) Oglebay Good Children's Zoo (Wheeling)
<b>COLORADO</b> Pueblo Zoo	<b>IOWA</b> Blank Park Zoo of Des Moines	<b>NEW MEXICO</b> Alameda Park Zoo (Alamogordo) Rio Grande Zoological Park (Albuquerque)	<b>NEW YORK</b> Buffalo Zoological Gardens Burnet Park Zoo (Liverpool) Ross Park Zoo (Binghamton) Seneca Park Zoo Staten Island Zoo	<b>PENNSYLVANIA</b> Erie Zoo Gettysburg Game Park (Fairfield) Philadelphia Zoological Garden Pittsburgh Zoo ZOOAMERICA North American Wildlife Park (Hershey)	<b>WISCONSIN</b> Henry Vilas Zoo (Madison) International Crane Foundation (Baraboo) Racine Zoological Gardens
<b>CONNECTICUT</b> Beardsley Zoological Gardens (Bridgeport)	<b>KANSAS</b> Emporia Zoo Lee Richardson Zoo (Garden City) Ralph Mitchell Zoo Seagovick Co. Zoo & Botanical Garden (Wichita)	<b>NEW YORK</b> Buffalo Zoological Gardens Burnet Park Zoo (Liverpool) Ross Park Zoo (Binghamton) Seneca Park Zoo Staten Island Zoo	<b>NEW YORK</b> Buffalo Zoological Gardens Burnet Park Zoo (Liverpool) Ross Park Zoo (Binghamton) Seneca Park Zoo Staten Island Zoo	<b>RHODE ISLAND</b> Roger Williams Park Zoo (Providence)	<b>CANADA</b> Calgary Zoo, Botanical Gardens & Prehistoric Park Jardim Zoologique de Granby, Inc. Reptile Breeding Foundation
<b>DELAWARE</b> Brandywine Zoo (Wilmington)	<b>KENTUCKY</b> Louisville Zoological Garden	<b>LOUISIANA</b> Alexandria Zoological Park Audubon Park & Zoological Gardens (New Orleans) Greater Baton Rouge Zoo Louisiana Purchase Gardens & Zoo (Monroe)	<b>LOUISIANA</b> Alexandria Zoological Park Audubon Park & Zoological Gardens (New Orleans) Greater Baton Rouge Zoo Louisiana Purchase Gardens & Zoo (Monroe)	<b>SOUTH CAROLINA</b> Greenlee Zoo Rhebarra Zoological Park (Columbia)	
<b>DISTRICT OF COLUMBIA</b> National Zoological Gardens	<b>LOUISIANA</b> Alexandria Zoological Park Audubon Park & Zoological Gardens (New Orleans) Greater Baton Rouge Zoo Louisiana Purchase Gardens & Zoo (Monroe)	<b>MARYLAND</b> Baltimore Zoo	<b>NEW MEXICO</b> Alameda Park Zoo (Alamogordo) Rio Grande Zoological Park (Albuquerque)	<b>SOUTH DAKOTA</b> Bramble Park Zoo (Watertown) Great Plains Zoo & Museum (Sioux Falls)	
<b>FLORIDA</b> Brevard Zoo Central Florida Zoological Park (Lake Monroe) Jacksonville Zoological Park Lowry Park Zoo (Tampa) Warm Springs Zoo	<b>MISSISSIPPI</b> Jackson Zoological Park		<b>NEW JERSEY</b> Turtle Back Zoo (W. Orange)	<b>TENNESSEE</b> Knoxville Zoological Park, Inc. Memphis Zoological Garden & Aquarium	
				<b>TEXAS</b> Abilene Zoo Buffalo Zoological Gardens	

The Zoological Society of Milwaukee County Invites You To

## BONOBO FITNESS & SPORTS EVENING

AT HIGHLANDER **elite** 13825 W. BURLEIGH ROAD  
BROOKFIELD, WI 53005  
FITNESS AND RACQUET CLUBS

Saturday, April 7, 1990, 6 pm

Join us in this friend-raising event. Lots of Fitness, Sports, Food and Fun!  
\$35 per person

Co-chairs Linda Grunau, Dick Podell & Marc Marotta invite you and your friends to attend a fun-filled evening with many choices; a challenging game of mixed doubles, an exhilarating game of 3-on-3 basketball, a relaxing massage, and advice on stress management or sports medicine.

Take your pick:	TENNIS	FITNESS & HEALTH	BASKETBALL
	Play for fun or play to win in the Bonobo Mixed Doubles Tennis Tournament. Choose a partner or we'll team you up with one.	Set your own agenda that evening Massage therapy Swimming Water aerobics Wallyball The Super Circuit Stretch & tone Mini triathlon	Shoot hoops in our 3-on-3 tournament. Games to 15 points by 1's. Sign up for open division or the 35 & over group. Each team will be guaranteed at least 2 games.
		Stress management Low-impact aerobics Nutritional info & sampling Sauna & whirlpool Sports medicine	

Throughout the evening enjoy a delectable and healthy buffet courtesy of Larry's Brown Deer Market.

Don't miss our Mini Silent Auction where you can place bids on items such as: 2 round trip tickets to any American Airlines destination in the United States.

**AA** American Airlines  
WINNERS WILL BE ANNOUNCED AT 10:30 THAT EVENING

Proceeds will benefit the Zoological Society in its mission to "support, educate and conserve".  
Please call Patricia Cohen at 258-2333 for further information.



# Society Launches Innovative Education Program

At a news conference on February 8, the Zoological Society announced the "Ambassador Program." This unique education program creates a partnership among school children and their families, local corporations or individuals, and the Milwaukee County Zoo. Program sponsors will act as ambassadors responsible for introducing students to the educational resources of the zoo.

The program is designed to enrich the educational experiences of low-income students. "It was developed in response to the Zoological Society's commitment to educating our children about the importance of preserving our wildlife and our environment," said Dr. Gil Boese, president of the Society. "We see the program as an important contribution to a nationwide effort to help secure the environmental and educational future of the United States."

The Ambassador Program involves five MPS schools involved in Project Rise (Rising to Individual Scholastic Excellence), a school-improvement program that provides academic opportunities for low-income and minority students; one archdiocesan school; and two Waukesha public schools. Because none of these schools receives government funds for extra-curricular activities, many students have limited exposure to the world outside their immediate neighbors according to studies.

State Superintendent of Public Instruction, Herbert J. Groover; MPS Superintendent, Robert S. Peterkin, and Archdiocesan Director/Superintendent, John T. Norris have all endorsed the Ambassador Program. Peterkin wrote, "I am very pleased that the Society is undertaking this effort. The track record of educational benefits offered by the Society is an impressive one, and our students will receive great benefits from this program."

Two classes in the fourth through seventh grade levels from each school will participate in the program. During classes at the zoo, students will learn about animal preservation and adaptation, ecology, environmental issues and geography. Curricula and activities for all classes were developed by the Zoological Society's award-winning education department.

Students will make two visits to the Zoo, and work on in-class projects between visits. Each participating school will create a special "thank you" for their sponsors. It



might be a papier mache globe, a play or choral reading, or a unique piece of art. At their second visits, each child will receive four admission passes and bus tokens so that they can be zoo ambassadors to their families while visiting the zoo this summer. The children and their families will then become zoo "ambassadors" in their communities. Sponsors are already becoming even more involved by planning to visit their schools — or bringing the children to their places of business.

"The program will be evaluated by students, teachers, families and sponsors. Next year, we hope to expand it to include at



Photos by Peter Feldner

least six more schools and ambassadors," Boese said. "Already, we've received overwhelming interest among schools to participate."

The first Ambassador Program sponsors and their schools are: Beatrice Cheese - Whittier, Waukesha; Cleaver Family Foundation - 27th Street; The Dairy Council of Wisconsin - Garfield; Marquette Electronics Foundation - Clarke Street; Miller Brewing Company - Neeskara School; Warner Cable Communications of Milwaukee - Catholic East; USA Today - White Rock, Waukesha; Zoological Society of Milwaukee County - Hawley Environmental Education.

## Zoo Priders Re-Crete "Noah's Ark"



In keeping with the Ambassador Program's theme of ecology, Zoo Pride volunteers, Cliff Baierlipp and Bob Jackson created "Noah's Ark" from a recycled telephone pole and its trailer from a discarded fence post.

Cliff volunteered 120 hours to construct the hull of the ark and its trailer. Bob spent additional time to make the cabin. The trailer's axle and drive shaft came from an old slush machine. The ark is a self-supporting structure to allow maximum space inside without a support structure. Each strip of wood was fit, glued and blended for a perfect match. The outside was belt sanded and the inside was smoothed with a hand grinder and disk sander.

Because the Ambassador Program deals with ecology, Cliff chose to use recycled materials. "I just felt it was important to use materials which would normally end up in a landfill to reinforce the program's focus on ecology and our environment," said Cliff.

Dressed as Noah, program coordinator, Peter Feldner, of the Zoological Society's education department, took the ark to the participating eight schools where he introduced the concept of zoos as modern arks. "Like the ark which has four essential sides, modern zoos have four important components: education, research, recreation and conservation. Just as the ark would sink if one of its sides were missing, zoos would also have trouble surviving without one of its four parts," Feldner told the children.

## ZOO PRIDE

### Bring the Zoo to You

Bring a slice of the Milwaukee County Zoo to your next organization or club meeting! Zoo Pride's volunteer Speaker's Bureau offers a special visit to the zoo through slides of the animals and the exhibits. Our programs are flexible enough to fit into your meeting agenda. For additional information, please contact the Zoo Pride office, 258-5667.

### Walking on the Wild Side

Zoo Pride is pleased to provide two different ways to view the Zoo . . . Our walking tours offer the opportunity to learn more about our animals while leisurely enjoying a walk through the park, while our V.I.P. Behind the Scenes tours offer the opportunity for VIP's, 12 years of age or older, to walk in and around the animal

exhibits and zookeeper areas. Be sure to bring your camera as you experience the sights, sounds and smells of a Zoo in operation.

Reserved tours are conducted during regular zoo business hours and can be adapted to accommodate the size of your group.

Phone the Zoo Pride office, 258-5667, for more information and fees.

### Teddy Bear Days

Set aside July 13, 14 and 15 for that bearific event . . . Teddy Bear Days. Once again, Zoo Pride and TriCity National Banks will join together to bring you three fun-filled days of activities for you and your best bear! Each day will begin with a special Breakfast with the Bear (see insert). From there you can participate in activities such as the Bearlympic Games, Face-painting, Paw-printing, or Bearfitti. Be sure to bring your

bear for a check-up at the Bear Care Clinic, or purchase bear essentials for all the cubs in your family at the Beartique. Teddy Bear Days is all that you can bear . . . see you at the Zoo!

If you would like to know how you can become a Zoo Pride volunteer . . . call 258-5667. We have exciting opportunities awaiting you!

**Breakfast with the Teddy Bear**  
 Fri., Sat., Sun., July 13, 14, and 15  
 9 A.M. Peck Welcome Center, Milwaukee County Zoo

Bring your Teddy Bear to meet our Teddy Bear for breakfast at the Zoo! Our breakfast will feature pancakes, sausage, juice, applesauce, and a beverage. You will receive a special teddy bear cookie baked especially for you and a teddy bear breakfast button to wear. BINGO the Clown will provide special entertainment for your enjoyment and you will be able to visit with our guest of honor . . . Ted E. Bear. Tickets are \$5.75 for children and adults. Tickets must be ordered in advance. Please use the order form below. Limited Seating Available. Price does not include parking.

**BREAKFAST WITH THE TEDDY BEAR**

Please send \_\_\_\_\_ tickets at \$5.75 each.

Check choice of date: July 13 \_\_\_\_\_ July 14 \_\_\_\_\_ July 15 \_\_\_\_\_

Enclosed is a check or money order for \$ \_\_\_\_\_ and a **STAMPED, SELF-ADDRESSED ENVELOPE.** (tickets will be mailed to you.)

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ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ \*Price includes 5% WI sales tax.

Make check payable and send to: **ZOO PRIDE-TEDDY**, 10005 W. Bluemound Road, Milwaukee, WI 53226. No refund for cancellations after July 9th. Please present tickets at gate for admittance.

**Celebrate Your Birthday With 3000 Wild Animals**  
 at the Milwaukee County Zoo

Parties include:

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- Cake, Beverage, Decorations
- Birthday Gift for Guest of Honor
- Remembrance Gift for Guests
- Private Party Area
- Zoo Pride Volunteer Host/Hostess

Dates Available - call  
 Zoo Pride  
 258-5667

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