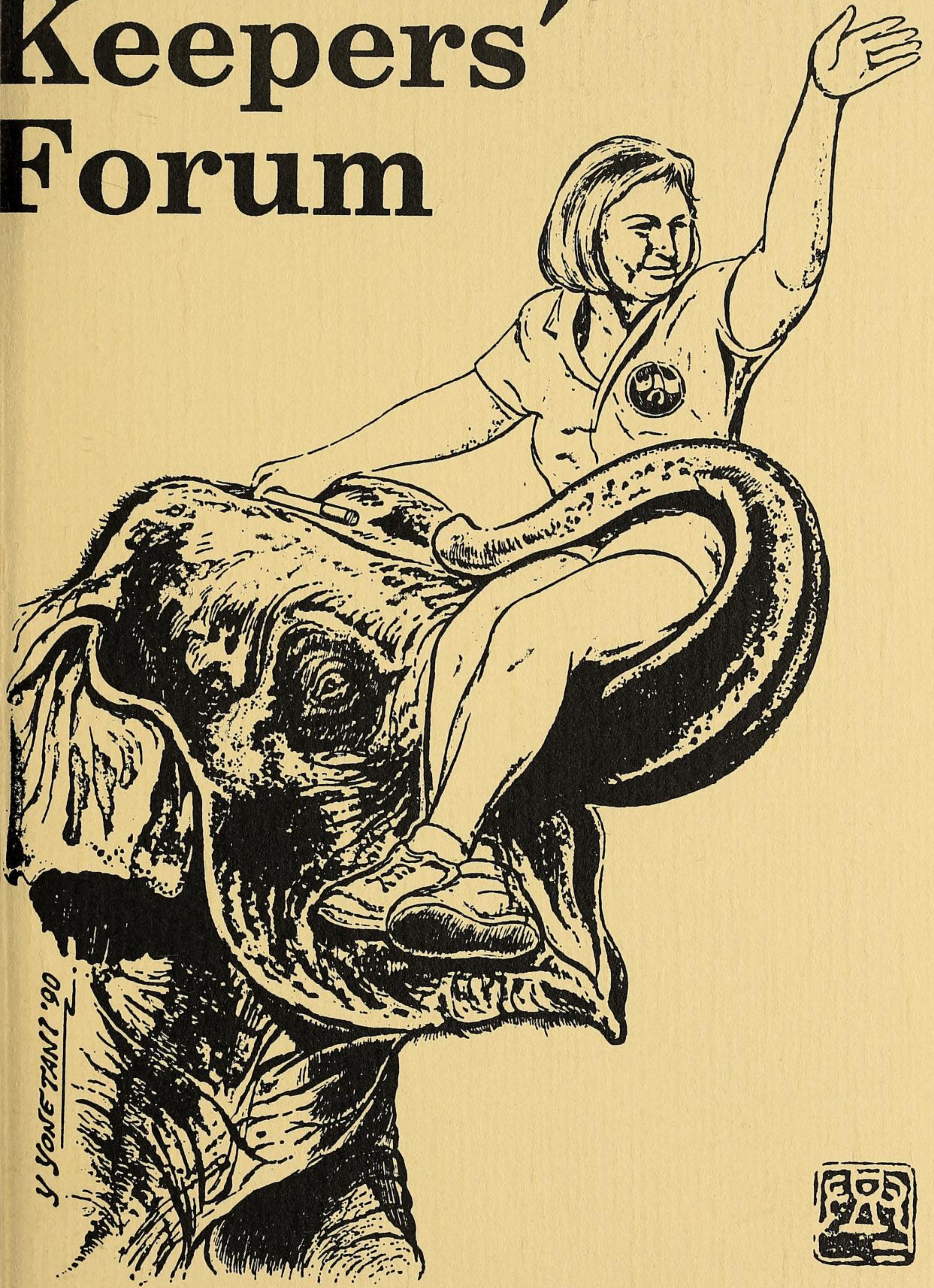


Animal Keepers' Forum

June 1990



Dedicated to Professional Animal Care

Births & Hatchings, Continued

Group 2 is two adults (Marino and Robin) and their infant born on 20 April. This birth is significant in that this pair had been housed next to a pair of aggressive Geoffroy's tamarins (*S. oedipus geoffroyi*) for over a year and no live births had occurred. We believe the stress caused by fighting between the two species was a factor in the unsuccessful breeding attempts of this pair. We responded by relocating them to another enclosure between a pair of Red-bellied tamarins (*Saguinus labiatus thomasi*) and their offspring and Group 1 Golden lion tamarins. It was commonly thought that housing two of the same species next to each other would interfere with breeding; but both pairs were successful. This was the first live birth for this pair but unfortunately one twin was stillborn.

Group 3 is a pair that has been together for about a year. They are interacting well but as of this report there has been no offspring.

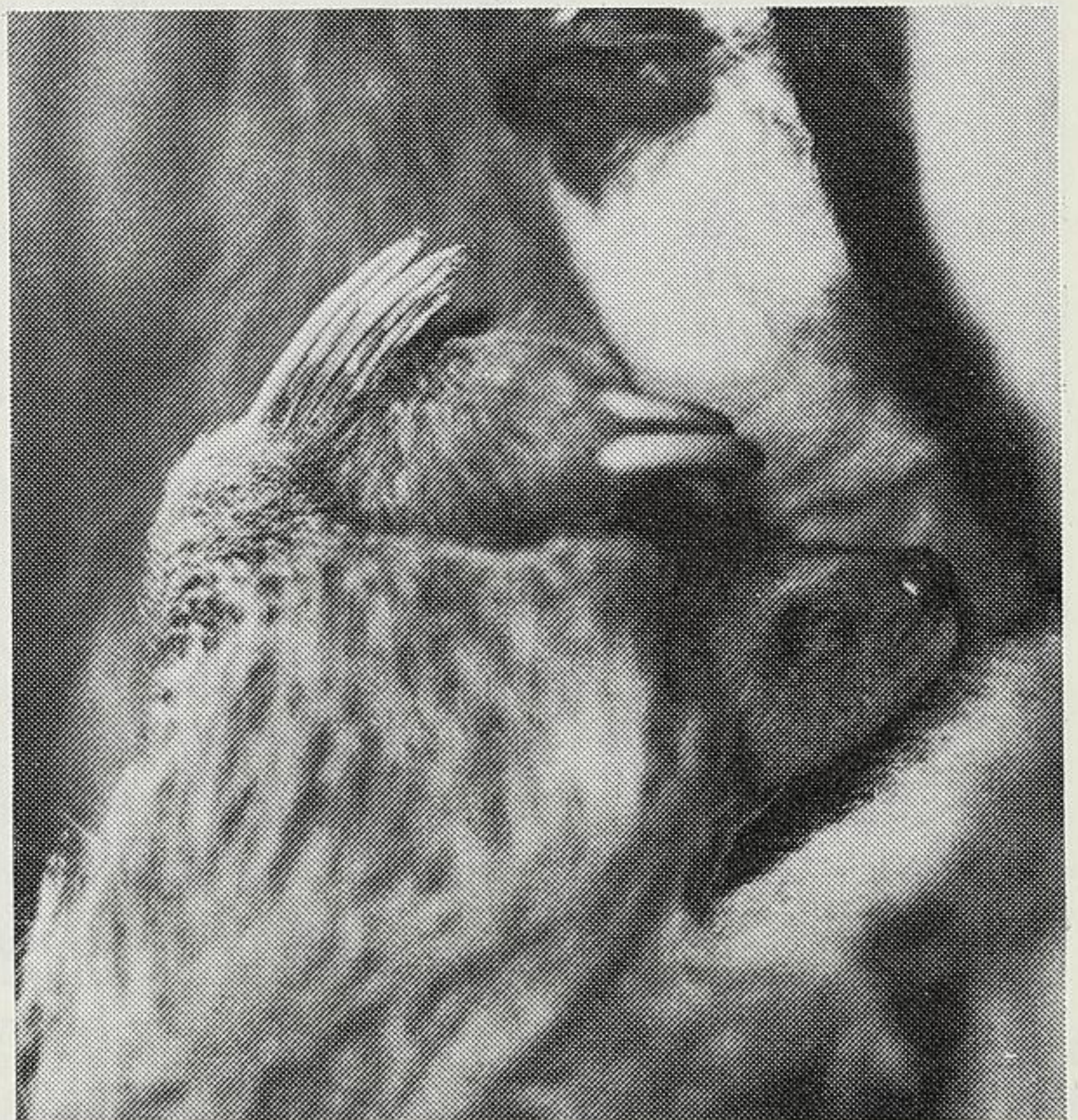
Also worth noting was our first birth in recent years of a White-handed gibbon (*Hylobates lar*) born on 12 October 1989. We are glad to report that he is doing great! *submitted by Patti Brinkley, Primate Keeper, Monkey Jungle, South Florida AAZK Chapter, Miami, FL.*

Chamarajendra Zoological Garden (Mysore, India)...has reported the following significant births and hatchings during 1988 and 1989: Pundareeka Rao, warden, relays the exciting news of the birth of a Black rhinoceros (*Diceros bicornis*) at their facility. Other live births include four Civit cat (*Viverricula indica*), five Toddy cat (*Paradoxurus hermaphroditis*) six Tiger (*Panthera tigris*), two Jungle cat (*Felis chaus*) and one Leopard cat (*Felis bengalensis*).

Important hoofstock births include one Indian camel (*Camelus dromedarius*), one Thamin deer (*Cervus eldi*) and four Indian gazelle (*Gazella gazella*). During this time two Brown lemur (*Fulvis fulvis*) were also born.

Significant hatchings include two Sarus crane (*Grus antigone*) and six Black swan (*Cygnus atratus*). New additions for 1988 and 1989 include 1.1 Giraffe (*Giraffa camelopardalis*), 0.2 Brown lemur (*Fulvis fulvis*), 1.1 Red Kangaroo (*Macropus rufus*) and 1.1 Asiatic lion (*Panthera leo*). *submitted by Lisa Hughes, Zoo Atlanta Chapter Liaison. This Chapter sponsors Pundareeks Rao in the Foreign Keeper Sponsorship program.*

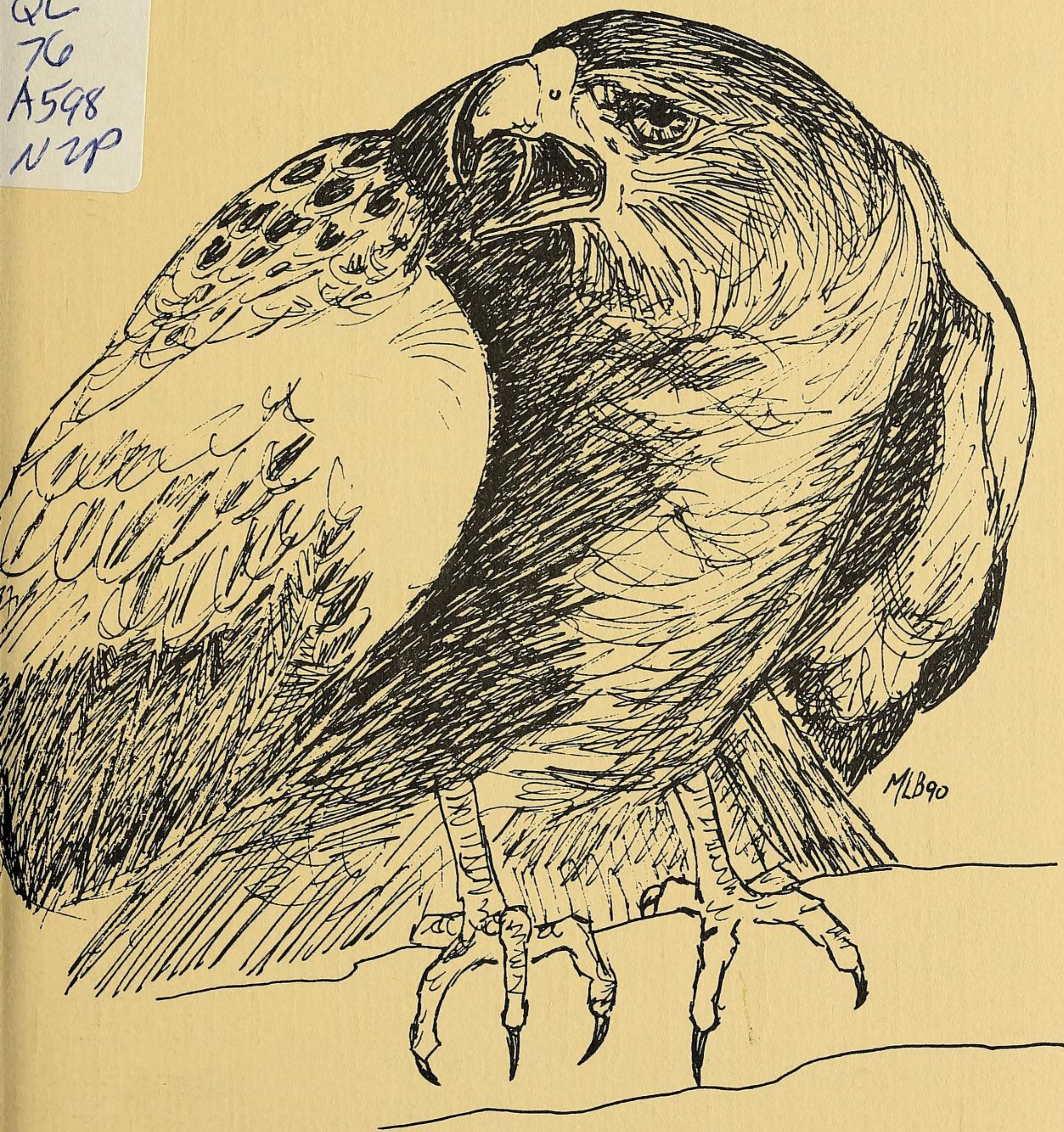
The Dreher Park Zoo is proud to announce their first successful breeding of a Hoffman's sloth (*Choloepus hoffmani*). The group of 1.2 was acquired from Lincoln Park Zoo in 1985. They had been housed at Lincoln Park Zoo since 1977 and were listed as born in 1975. Both females had miscarried in past years. We instituted a diet change in January of 1990 based on the Burnet Park Zoo's diet and feel this may have led to the successful birth of a single youngster on 10 April 1990. (Photo: Gail Schneider, Executive Director, Dreher Park Zoo, West Palm Beach, FL)



Animal Keepers' Forum

July 1990

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Births & Hatchings, Continued

The most exciting mammal birth occurred on 30 May when our five-year-old female Reticulated giraffe (*Giraffa camelopardalis reticulata*) "Jambo" gave birth to her first offspring, a female, while on exhibit in full public view. The birth lasted 43 minutes and the calf was on her feet one hour after being born. The first nursing was observed three hours after birth and the calf continues to prosper.

The most significant bird hatchings occurred in January when two pair of Ruppell's vultures (*Gyps rueppellii*) each produced a chick for the second consecutive year. The chicks are being raised by their parents in the multi-species African Veldt Exhibit. Other animals that share the exhibit with the vultures include: Reticulated giraffe, waterbuck, Thomson's gazelle, East African crowned cranes, and Kori bustard. *submitted by Anita Schanberger, Chapter Liaison, AAZK Central Arizona Chapter, Phoenix, AZ.*



Female Sumatran tiger "Ima" with her three male cubs at seven weeks of age. Photo courtesy of Dick George, Phoenix Zoo.

Knoxville Zoo...the Knoxville Zoo Chapter of AAZK (Smoky Mountain) is pleased to report several births and hatchings spanning the Fall of 1989 to February 1990. 2.0 Arabian oryx (*Oryx leucoryx*) calves were born in September. These calves represent the first successful breeding of this highly endangered species at our zoo. The oryx is one of 17 species managed under an SSP program at our zoo.

On 2 February, Dolly, a Southern white rhinoceros (*Ceratotherim simum simum*) became a mother for the fifth time. The female calf, Yvonne, is the progeny of the first successful breeding for Mondo, a new founder male previously unrepresented in the population. Mondo arrived at KZG from Baton Rouge Zoo during May of 1988 in a transfer conducted through the Rhino SSP. We are extremely proud of our breeding record for this species - 14 calves born to date.

0.0.5 Black-footed penguins (*Spheniscus demersus*) have hatched at the Marine Animal Complex. These are the first penguin chicks to be produced at our facility, and they bring our penguin collection to a total of 13 birds. The Black-footed (or "Jackass") penguin is

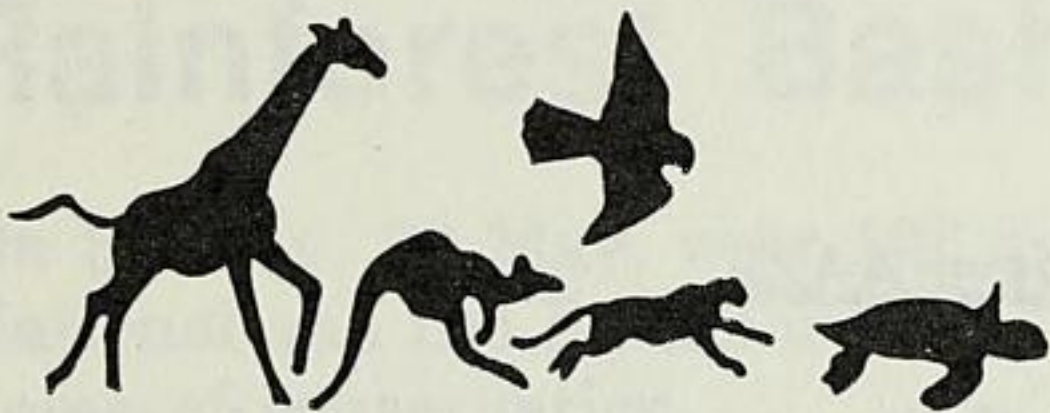
Chapter News

Cypress Coast Chapter AAZK

Our efforts have been concentrated on organizing the Chapter since it is newly formed. The monthly Chapter meeting is divided into business and an educational program. The topics of our programs have ranged from toxic plants, rehabilitation of injured wildlife to the husbandry of yellow-footed tortoises and cotton-top tamarins. All programs were presented by Chapter members.

One meeting was devoted to the viewing and discussion of the *60 Minutes* segment on surplus animals. Also at the same meeting, we watched the Smithsonian World "ZOO" special.

The Chapter ventured out for a night of fun at our local public television station. We manned the telephones during their recent pledge drive. This was to show our support of the nature programming that is offered and constituted the programming on that night.



Cypress Coast Chapter of AAZK

A photo contest for Zoo & Aquarium Month is being planned. We hope it will be a success. We have also adopted a Chapter logo (see insert) which was designed by Ric Urban of the Avicultural Breeding and Research Center.

Finally, the Chapter would like to bid a fond farewell to a few Chapter members. Susan Hall-White, who was our secretary, relocated in Ohio. Jay D'Amico, who functioned as our Chapter Liaison, has relocated in Maryland accepting a position at the Baltimore Zoo. We wish them both the best of luck.

-Tami Ryf, President

Metro Toronto Zoo AAZK Chapter

During the school's March break, the Chapter took part in the Metro Toronto Zoo's Spring Break Programme on Endangered Species. The Chapter's display was held in the Indian Rhino Pavilion. Information was available on the problems the rhinos are facing to survive in their natural habitat and how we can help.

-Neil Porter, Chapter Liaison

Beardsley Chapter AAZK

On 15 May the Beardsley Chapter of the AAZK held its second annual election of officers.

Linda Oltra was re-elected as president and Rob Tomas returns as vice-president. Sue Spencer is our new Treasurer and Arlene Domkowski is secretary. Rob Tomas and April Fornabaio are co-liaisons.

The membership wishes to thank outgoing officers for their hard work and to welcome new and returning officers for their promised and continuing dedication to our Chapter.

*-Rob Tomas/April Fornabaio
Co-Chapter Liaisons*

Puget Sound Chapter AAZK

An AAZK Summer Speakers Program is being held this summer at Woodland Park since their Education Dept. does not have programs during those months. On 27 June Lisa Dabek spoke on "Mexican Tropical Rainforest Culture and Conservation" - a slide presentation of the Lacandon Rainforest Monitoring Program.

On 25 July Margaret Gaspari will speak on "Bats of the World" - with emphasis on bat conservation and the bats of Puget Sound. On 13 August, Judie Steenberg and Lisa Dabek will give a presentation on "Tree Kangaroos: Vulnerable in the Wild, Threatened in Captivity" - an update on the wild and international captive status of tree kangaroos, and what is being done to help them survive.

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Animal Keepers' Forum

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Dedicated to Professional Animal Care

Scoops & Scuttlebutt, *Continued*

request. This is a service provided by AAZK. Contact: Bernie Feldman, Burnet Park Zoo, 500 Burnet Park Drive, Syracuse, NY 13204. If your facility is not already using the ADT Form, encourage your administration to implement its use whenever an animal is shipped.

"Bowling for Rhinos" Update

In speaking recently with Nanci Pintavalli and Andy Lodge, it was learned that AAZK's first ever national fundraiser, "Bowling for Rhinos" has raised approximately \$150,000 with still more final tallies left to come in. Andy reports that the airplane purchased by Ngare Sergoi Support Group with funds from BFR has arrived in Kenya and that consideration now is being made to the purchase of a truck to use in transporting the rhinos from the wild to the Ngare Sergoi Reserve or other protected areas. Everyone involved with this project should be justifiably proud of their efforts. Following is a letter, dated 24 July, which was received from Anna Merz, founder of Ngare Sergoi Rhino Sanctuary. We wanted to share it with all of you.

Dear Ms. Chan,

I returned from Europe 2 days ago to find a letter from Andy Lodge of the Ngare Sergoi Support Group telling me that AAZK's Bowling for Rhinos has raised over \$120,000.

What an incredible achievement and what a fantastic amount of work this must have meant both for you personally and for all the zoos that partook in this event.

On behalf of our rhinos here (now 21) & our organization, I do send you and all your supporters our most heartfelt thanks and gratitude and I should be most grateful if you could thank everyone on our behalf.

I would also like to thank you all for the work you have done to help create so much more public awareness of the plight of all 5 species of rhino both in Africa and in Asia.

*Thank you so very much,
Yours very sincerely,*

Anna H. Merz



Information Please

We have a male Sunbear (*Helarctos malayanus*) that periodically has severe stomach bloating. Several years ago he was immobilized and various tests were done with no conclusive leads as to what is causing the bloating. We've tried him on various diets, but nothing helps for any length of time. Anyone who has experienced this sort of problem in any animal, particularly a bear, and has found the cause and/or cure, I'd be most interested in hearing from you. Please write: Sandra K. Hein, Gene Reid Zoo, 1100 S. Randolph Way, Tucson, AZ 85716.

I am looking for information concerning the care and creation of stimulating environments for Malayan Sun Bears (*Helarctos malayanus*). At the moment, the male and female are in two separate yards, but they can see each other. The animals are on concrete floors and their enclosures are of limited size. If you have any information please write to: John Wiebe, Baltimore Zoo, Druid Hill Park, Baltimore, MD 21217.



Chapter News, Continued

Micki Corcoran as they did the majority of the work involved and have an eye for design.

Forrest Penny, our Curator of Birds, suggested we take part in the foreign keeper sponsorship program. Through his close friend, Sally Walker, who keeps things running smoothly in the Zoo Outreach Organization, we obtained the name of an individual in need of this benefit. Our Chapter sponsored Vijayraj Jadeja from Shri Sayaji Baug Zoo. Sally also agreed to be a guest speaker for our Chapter and gave a talk about the problems in Indian zoos. If you have a chance to attend one of her talks, do so. Her slides were fantastic and we all enjoyed her presentation.

Acting on the suggestion of our Vice-president, Jeff Bullock, we hosted a video-pizza night on 18 July. Clips from the news about our park and other special events were viewed and we managed to recruit 4 new members. We're certain that some fresh ideas will spring forth from this "new blood".

Just recently we've sent a check to the New Orleans Chapter to help with the Association of Mesoamerican Zoos. Our Chapter feels this to be a worthwhile project and hope all chapters will jump on the chance to help less fortunate zoos.

Through the year our "wishing well" has been pulling in money which was lucky for us as there are times that it and our membership dues are all we had to count on for funds.

In closing I'd like to add that our Chapter will once again have two representatives at this year's conference. Having a more substantial treasury this year, the Chapter will fund one person's expenses. I look forward to the day when we will be self-sufficient and send all of our delegates, which was one of my primary goals when helping to found our Chapter.

--Betty Grogan, President

San Diego AAZK Chapter

Newly elected officers are:

President.....Andy Johnson
Vice Pres.....Steve Castillo
Secretary.....Kathy Duke
Treasurer.....Kim Livingstone

On 26 July the Chapter took off on their Annual Photo Caravan Tour of the Wild Animal Park. The tour's highlight was getting a glimpse of newborn Indian rhino calf Jhansi. Jhansi was born on 20 July and she weighed in at 142 lbs. A big thank-you to the following WAP employees who volunteered their time as caravan tour guides:

Lance Aubrey, WAP Field Keeper
Deanna Herfel, WAP Animal Care Center
Mike Kobert, WAP Field Keeper
Randy Reiches, WAP Animal Care Manager
Vicki Steele, WAP Field Keeper
Kim Marie Wiebel, WAP Education.

*--Mary Dural
Chapter Liaison*

St. Louis AAZK Chapter

The St. Louis Chapter hosted "Cats Down Under the Stars" on 5 September to benefit the International Society for Endangered Cats (ISEC), a nonprofit organization which works with zoos world-wide to benefit endangered feline survival. The Endangered Cat benefit concert was held at the Off Broadway Lounge and featured the band "710" with special guest the "Live Wire Blues Band". ISEC's efforts and research support many cats including cheetah, jaguar, ocelot and clouded leopard.

--Rick Smith, Vice Pres.

Audubon Chapter AAZK

Along with hosting the upcoming 1990 AAZK National Conference, the New Orleans keepers have also been involved in a special project to aid the Association of Mesoamerican Zoos (AMZOO). Through the Zoo

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October 1990

Keepers' Forum



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Paper Session Topics for AAZK Conference '90

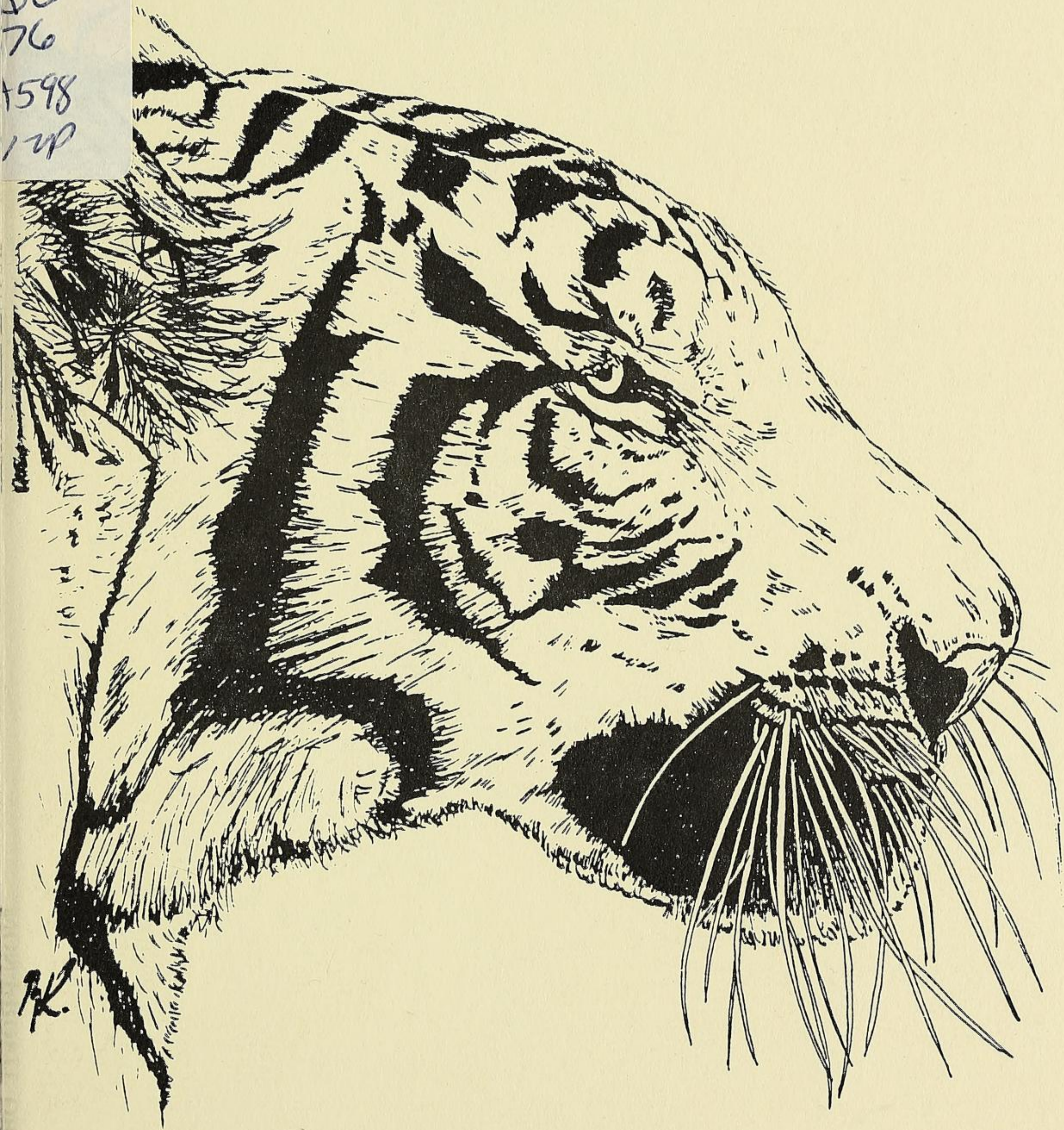
The following papers have been accepted for presentation at the 1990 AAZK National Conference in New Orleans. They will also be published in the Conference Proceedings. Delegates will receive the Conference Proceedings as part of their registration fee. Those presenting papers will receive a copy of the Conference Proceedings gratis. Others interested in obtaining a copy of the Proceedings will be able to purchase this publication following the conference. Watch future AKF for details on price and how to order.

- Teresa Kinsler, Knoxville Zoo. "Black footed penguins at the Knoxville Zoo: Against All Odds"**
- Kimberly A. Miller, Cleveland Zoo. "The Handrearing of Humboldt Penguins"**
- Betty Grogan, Jacksonville Zoo. "Management of the Boatbill Heron at the Jacksonville Zoo"**
- Emma Cusson, Zoo Atlanta. "Nesting Behavior of Chilean Flamingos"**
- Stephen Castillo, San Diego Zoo. "Talking About Sichuan Takins at the SDZ"**
- Nancy Hanson, Los Angeles Zoo. "Indian Rhino Foot Care at the L.A. Zoo"**
- Andy Lodge, Ngare Sergoi Support Group, Inc. "Ngare Sergoi: Update"**
- Mary Swanson and Lisa Peach, Fresno Zoo. "Sumatran Tiger Watch"**
- Jeanne Bocconelli, Turtle Back Zoo. "Captive Management of a Socialized Group of Timber Wolves"**
- Diane Krug, White Oak Plantation. "Cheetah Breeding at White Oak Plantation"**
- Carolyn Kennedy, Audubon Zoo. "Development of a Black Howler Infant"**
- Ruby Ange, Duke University Primate Center. "What is Duke University Primate Center?"**
- Elaine Puzo, The Newark Museum. "Hand-rearing and Re-introduction of a Cotton-top Tamarin"**
- Cathi Lehn, Audubon Zoo. "An Analysis of the Captive Population of Colobus Guerza"**
- Andrew Lentini, Metro Toronto Zoo. "Radio Tracking Peltophryne Lemur in La Reserva Forestal De Guanica, Puterto Rico"**
- Diane Devison, Metro Toronto Zoo. "Management Program and Breeding of P. Lemur at Metro Toronto" and "Metro Toronto's Conservation & Education Programs"**
- Eric and Rosemary Krussman, National Zoo and Aquarium. "Racetrack Trash Becomes Rainforest Bash"**
- Ann Lewis Hess, Philadelphia Zoo. "Keeping Up With Keepers"**
- Richard Block, World Wildlife Fund. "Conservation - Keeping It In Perspective"**
- Robert Berghaier, Philadelphia Zoo. "Tsimbazaza and Ivoloina: Madagascar Zoos - Their Current Status and Potential"**
- Sandra Skrei, Zoo Conservation Outreach. "Zoo Conservation Outreach Group, A low-budget, high impact approach to international conservation"**
- Tony Tanner, Taronga Zoo. "The Benefit of Operant Conditioning for Show Presentation and Keeper Talks, Highlighting Public Education in the Modern Zoo"**
- Gary Priest, San Diego Zoo. "The Use of Operant Conditioning in Training Husbandry Behaviors with Captive Animals"**
- Charles Guthrie, Metro Toronto Zoo. "The Role of an Environmental and Behavioural Enrichment Group at Metro Toronto Zoo"**
- Andrew Johnson, Sea World of California. "Hand-raising Pinnipeds"**
- Carol Evans, Bronx Zoo. "The Conservation of the Cuban Hutia"**
- Carla Weiser, Henry Doorly Zoo. "Black-footed Ferret Management at Henry Doorly Zoo"**
- Kenneth Kundel, Little Rock Zoo. "Bats: Reahbilitation for Release"**
- Lorena Calvo, Parque Zoologico la Aurora. "Status of AMAZOO"**

Animal Keepers' Forum

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1990 AAZK/AKF Award Recipients, *Continued*

"Animal Death Report Form: Important Data for Animal Husbandry and Preventive Health Programs", **Dr. Kent Osborn, San Diego Zoo** (Veterinary Category)

"The Creation and Operation of a Native Hummingbird Exhibit", **Barbara Palmer, Karen Krebs and Sara McLalan, Arizona-Sonora Desert Museum** (Exhibit Category)

"Management and Breeding of Southern White Rhinoceros", **Betty A. Grogan and Glen A. Grogan, Jacksonville Zoo** (Husbandry Category)

"Behavior and Management of Small Deer at the San Diego Zoo", **Celeste Northrop, San Diego Zoo** (Research Category)

"Keeper with Polar Bear Cub" Cover October 1989, **Yoshi. Yonetani, Zoo Design & Education Lab, Kobe, Japan** (Cover Art Category)

"Charging Rhino" Cover September 1989, **Mark Stettes, St. Louis Zoo** (Cover Art Category)



National Chairman Positions Open

There are three National Chairman positions open for someone who would like to serve their national organization. They are:

1. **By-laws Review Chair:** the function of this committee is to conduct an annual review of the Association's by-laws, solicit suggested revisions and work with AO to assure that these by-laws remain in conformity with any state or federal requirements.
2. **Book Review Chair:** the function of this project is to solicit reviews of current zoological literature for publication in Animal Keepers' Forum. The project coordinator contacts publishers to secure review copies, coordinates reviewers, and submits reviews to AKF.
3. **Videotape Project Chair:** the function of this project is to encourage the production of keeper training videotapes by AAZK Chapters and others for use in zoo's keeper training programs. The project currently has two videotapes for sale: *Keeper Safety: An Attitude Adjustment* and *An Introduction to Feeds and Feeding*. Other tapes currently in production include the *Keeper's Role in Zoo Animal Health*. Distribution of the tapes and all financial records are handled by the staff at Administrative Offices.

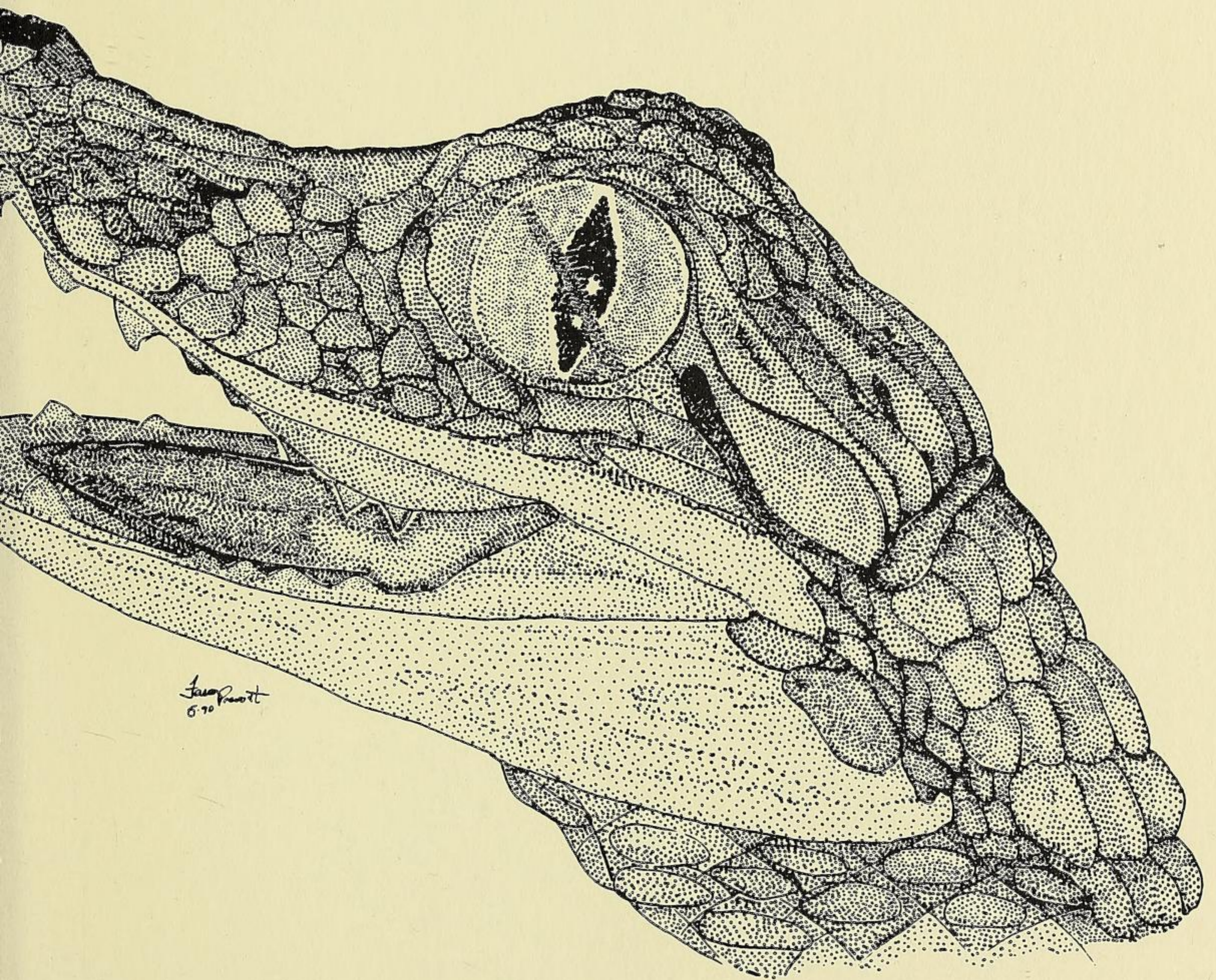
If you are interested in any of these positions, please contact either Janet McCoy, Board member with oversight of these projects or Barbara Manspeaker at AAZK AO in Topeka. Janet may be contacted at Washington Park Zoo, 4001 S.W. Canyon Rd., Portland, OR 97221.



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Animal Keepers' Forum

December 1990



Jason Pruitt
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Dedicated to Professional Animal Care

1990 Proceedings Order Form

The papers presented at the 16th National AAZK Conference held Nov. 4-8 in New Orleans will be published in the 1990 edition of the Conference Proceedings. Delegates attending the Conference receive a copy as part of their registration fee. Those presenting a paper receive a gratis copy. Others may purchase a copy by filling out the form below and returning it to AAZK Administrative Offices by 31 December 1990. The number of copies ordered will depend on the response from this pre-order form, so if you want a copy you need to return this form with your payment. The cost is \$5.00 per copy for members and \$8.00 per copy for non-members. Canadian and foreign orders must include \$2.00 additional for surface postage costs. Checks or money orders should be sent in U.S. Funds ONLY. Mail to: '90 Proceedings, AAZK AO, 635 Gage Blvd., Topeka, KS 66606.

Included in the Proceedings will be the following papers:

Black footed Penguins at the Knoxville Zoo: Against All Odds ~ The Handrearing of Humboldt Penguins ~ Management of the Boatbill Heron at the Jacksonville Zoo ~ Nesting Behavior of Chilean Flamingos ~ Talking About Sichuan Takins at the San Diego Zoo ~ Indian Rhino Foot Care at the Los Angeles Zoo ~ Ngare Sergoi: Update ~ Sumatran Tiger Watch ~ Captive Management of a Socialized Group of Timber Wolves ~ Cheetah Breeding at White Oaks Plantation ~ Development of a Black Howler Infant ~ What is Duke University Primate Center? ~ Hand-rearing and Re-introduction of a Cotton-top Tamarin ~ An Analysis of the Captive Population of Colobus Guerza ~ Radio Tracking Pelltophyrny Lemur in La Reserva Forestal De Guanica, P.R. ~ Management Program and Breeding of P. Lemur at Metro Toronto Zoo ~ Metro Toronto 's Conservation & Education Program ~ Racetrack Trash Becomes Rainforest Bash ~ Keeping Up With Keepers ~ Conservation: Keeping It In Perspective ~ Tsimbazaza and Ivolloina: Madagascar Zoos/Their Current Status and Potential ~ Zoo Conservation Outreach Group, a low-budget, high impact approach to international conservation ~ The Benefit of Operant Conditioning for Show Presentation and Keeper Talks, highlighting public education in the modern zoo ~ The Use of Operant Conditioning in Training Husbandry Behaviors with Captive Animals ~ The Role of an Environmental and Behavioral Enrichment Group at Metro Toronto Zoo ~ Hand-raising Pinnipeds ~ The Conservation of the Cuban Hutia ~ Black-footed Ferret Management at Henry Doorly Zoo ~ Bats: Rehabilitation for Release ~ Status of AMAZOO.

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'90 Proceedings Order Form

Please send _____ copy (copies) of the 1990 AAZK Conference Proceedings to:

Name: _____

Address: _____

City: _____

State/Province: _____

Zip/Postal Code: _____

AAZK Member: YES NO

Enclosed is \$ _____ per copy ordered plus additional postage, if applicable (see prices above)

TOTAL ENCLOSED: \$ _____

DEADLINE FOR PRE-ORDERS IS 31 DECEMBER 1990