

STAN BROCK is shown above with SACH, a young jaguar belonging to and bred by Charles \& Sadie Douglas. Stan just completed a film, FORGOTTEN WILDERNESS, which will be released this year and stars many LIOC cats - watch for it!


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## Submitting Material for Publication

Material for publication in the Long Island Ocelot club Newsletter should be submitted by the loth of the month preceding Newsletter publication, i.e. by the 10 th of the even numbered months.

Local groups are advised that, if convenient. the holding of meetings during the odd numbered months will ensure the earliest publication time of their meeting reports due to the above deadline.

## Branch Representatives:

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## Please

## I NEED YOUR HELP TO MAKE THE NEWSLETTER GREAT!

Send those cards \& letters to:
Long Island Ocelot Club
1454 Fleetwood Dr. E.
Mobile, Alabama 36605
We'd love to hear from you.


## Moving?

To avoid any interruption of service and Newsletter delivery if you should move, send as soon as you know the details, your name, new address, old address and the date of the move to our Membership Secretary:

> Shelly Starns
> P.O.Box 99542
> Tacoma, Wa. 98499

Please send all applications \& membership renewals directly to Shelly for fast service.

Send all Newsletter and related material to the Editor.

# CHRISTIAN'S DILEMMA 

Christian is a big, 47 pound male domestic born ocelot, age two and a half years old. Chris has never really had any illness or disease other than two mild cases of hookworms and a reocurring cystitis problem, which hasn't bothered him for over a hear. Christian is an extremely healthy and strong cat.

December 30th, 1974, Chris ate his daily diet of 30 chicken necks, December 31st Chris ate only 15, January lst he ate only 3 and had a loose yellow stool. We immediately took a stool check which proved negative. On January 4th Chris couldn't keep any food down, had a liquid yellow stool and drank water excessively. All other cats should no signs of illness or coming down with any of the same symptoms. That afternoon, Chris became very irritable and very sick, he tried desperately to suck on my finger and couldn't use his jaws or mouth. Then he tried very hard to bite me out of frustration and he could not even bite me. He was very tender around his abdomen and his head and neck was swollen. The worst was the severe twitching in his head and neck, which appeared to be muscle spasms. He also had times with a completely blank look in his face that lasted only a few minutes at a time, but happened quite often. I consulted several veterinarians throughout Florida and told them the symptoms over the phone and all the diagnoses were rabies or tetnus and no one even was willing to see him. I knew of one veterinarian that $I$ could always count on in emergencies and was extremely experienced in exotics so I called Dr. Mueller in Miami at 4 AM and told him about Chris. All he said was "how fast can you get him here?" I immediately said "We are leaving now but it is a four hour drive." He said he would be waiting.

We arrived at Dr. Mueller's at 8 AM and he was waiting and ready to run tests. By now chris was down to 33 pounds so Dr. Mueller gave him a light dose of ketaset (about $2 \frac{1}{2}$ cc) Blood, stool, urine and all tests showed up negative. The X-rays gave us one clue - a bad inflamation of the stomach, the lining of the stomach was extremely thick. Dr. Mueller's only diagnosis was something toxic, but only the good Lord knew what it was. The X-rays eliminated any obstruction and this throat was checked for possible obstructions. His ears were examined for possible infection, abcess, etc. and all proved to be negative. Dr. Mueller prescribed Darbazene 2 cc and $1 \frac{1}{2} \mathrm{cc}$ Dexdipen daily for ten days. Chris was coming out of the anesthesia in three hours and was completely out in 4 and a half hours. That evening Chris was able to keep baby food down, and all vomiting stopped. The medication was very effective in his case and he gradually improved. The only problem remaining was the twitching of the head and neck and they were still swollen. In two days we returned to Dr. Mueller for more tests to try and find the reason for the swelling and twitching. X-rays of his head were made with intentions of possibly finding a head injury from a fall. He still couldn't bite or suck on my finger and the blank expressions worried me terribly. The only explanation was that whatever toxin it was had caused some mental disorder and there was no way of knowing whether they would be temporary or permanent. We returned to Fellsmere and Christian's swelling and twitching gradually disappeared over a period of 9 months, but he still occasionally has those blank stares as if he is just not there but they are far and fewer between now, thank God. We kept Cris in the house to recuperate and went out to go over his cage with a fine tooth comb for any possible suggestions of anything poisoness. Right outside, two feet from christians gate, I found a nine inch snake skeleton with a little bit of skin still left on the backbone - the head had been bitten off: The famous Florida fire ants had just about finished off the snake by the time $I$ found it. It has taken me this long to have it identified. Ross Allen, worłd famous herpetologist studied it very carefully and with absolutely no doubt, identified it as a pygmy
rattlesnake. All facts available regarding the injestion of rattlesnake venom are based on humans and domestic animals and is not supposed to be toxic if injested orally unless such as an ity or the it is likely bitten on the though we

Chris is back and maybe a doing well. hearing from shed any light ance. And where are likely to suggest a ting (screen or arruad the lowoutdoor cages.
 ulcer, an opening tooth cavlike. Of course. that Chris was head or neck even found no evidence.
to his 47 pounds few more, and is We'd appreciate anyone who can on this occurpoisoness snakes be found, we wire fence otherwise) er part of

Jane Baetjer
Rt. 1, Box 40
Fellsmere, Florida 32948

## OBITUARY

SHIRLEY MAUREEN NELSON, the organizer and Director of Exotics Unlimited and long time member of LIOC, died in an auto accident November 28, 1975: She had been most active in all aspects of the affairs of animals as well as maintaining an astonishing variety of creatures herself. She was a tireless worker on behalf of animals and was effective in her efforts against repressive legislation working at times almost singlehandediy.

Shirley did much in her 31 years - all of the animals have lost a good friend.

RONALD JACOBSON, died January llth after complications of a recent illness. Ron and his wife Ann, were founding members of the Southwest Branch and always ready to lend a hand to other exotic owners. Members of SW have lost a devoted friend as have exotics everywhere.


# The Problem of Infertility in Purebred Queens 

The following article is reprinted with permission of FELINE PRACTICE where it appeared in their September/ October 1975 issue. Although it deals with domestic cats - show cats in particular, we felt it could be of interest to you.

The contrast between the high fecundity of the free living domestic cat and the problems of low conception rates and/or low fertility in many purebred cats kept under controlled conditions is most striking.

The fact that the feline is not a spontaneous ovulator is well known, but it seems doubtful that the full significance of this has been appreciated by breeders and even some veterinarians. It is interesting that those working with the big cats in zoological collections have considered this point and that success ful breeding has followed putting theory into practice. It is possible that similar attention to detail might result in improved performances in catteries.

Comparatively little is written on this topic and much misconception exists, which is perpetuated in textbooks which use previously published data uncritically. For example, the estrous cycle of the queen is usually said to be of 3 week periodicity, something which is true of only a small portion of cats.

The cat appears to have a breeding season lasting from 6 to 10 months (this applies to cats in England), with an anestrous period of 2 to 6 months, average 3 months. During the breeding season she is polyestrous, and the following subdivisions are shown: Proestrus, 1-2 days; estrus 1-4 days; diestrus variable (in unmated queens), from 7-12 days being common, but in some queens this phase does not seem to occur and estrus behaviour can persist for 42 days without obvious cessation. Metestrus coincides with pregnancy and occurs only infrequently in the unmated queen unless some form of stimulus has been applied.

## OVULATION

It is generally accepted that ovulation is triggered by a neurohormonal stimulous and is usually assumed that this is the act of coitus or its stimulation by artificial friction stimulation of the vagina. It is equally assumed, almost certainly incorrectly, that a single act of coitus will provoke follicle rupture. It is not denied that this can occur and Dow in 1962 has suggested that even so simple a stimulus as stroking may provoke ovulation in some circumstances. On the other hand, Scott \& Lloyd-Jacob in 1955 have indicated that in some queens, at least, several services on successive days may be needed to ensure ovulation. The author believes that not only is this true of a high proportion of queens but that group interaction with marked sexual agression being shown may be required to ensure follicle maturation to the point when rupture will occure after mating.

## MATING BEHAVIOUR

The pattern of behavior in the free-living domestic cat gives the clue. The female goes out as proestrus commences and several males collect around her; the males usually show mutual agression and make tenative advances to the queen, who rejects them, also agressively. This group interaction lasts 1 to 2 days.
after which the queen accepts service from a selected suitor; she is usually not promiscuous. Several services occur daily until estrus fades. It is the author's belief that this type of behavior sets in train the complex hormonal chain reaction essential to the production of adequate follicle stimulating hormone and chorionic gonadotropin; it is probable that the adrenal, thryroid and pituitary glands have a vital part to play.

Under conditions of selected and controlled breeding which prevail in catteries, it is possible only to allow a limited part of the above complex pattern to occur. The queen is given no opportunity to select her mate and is exposed only to the chosen male; for obvious reasons, no competitive sexual aggression can be permitted. Although some stud owners allow multiple services, in many cases these are restricted to one or two at intervals arbitrarily decided by the owner.

It is noteworthy that successful breeding of cheetahs has been achieved at London's Whipsnade zoo consequent
upon utilizing a technique of sexual arousal of the female by parading the male frequently in front of her. Admittedly, this is only part of the ritual but it is a great advance on previous methods where pairs in constant contact failed to breed.

There is one circumstance in which departure from the above described ritual mating behavior is seen under natural conditions, and that is in the queen which has had an estrous cycle some 7-10 days after the birth of her previous litter and is, of course, still suckling them. In such cases, the female merely departs for a few hours, then returns to her maternal duties, having promptly conceived during her brief absence. There is ample evidence that this accurs: i.e., cats spayed when their previous litters are 5-6 weeks of age have been found pregnant with fetal units of 28-30 days' development.


## EFFECTS OF DELAYED AND CONTROLLED BREEDING

The free-living cat, as indicated earlier, is an animal of high and regular fecundity, the first pregnancy usually occurring between 6 and 12 months of age. At least one case has been seen in which a kitten, whose birth date was accurately known, was found at ovariohysterectomy to be pregnant wi 28 day fetal units, her own age being then $4 \frac{1}{2}$ months.

The age of first estrus and first kittening seems to be controlled, in Britain at least, more by time of year and climatic factors than by the age of the cat. There is evidence that photoperiodicity is involved since some research units maintaining cat colonies can obtain litters in winter months by appropriate artificial lighting. It thus seems that early mating usually results in pregnancy.

Furthermore, it is the author's firm belief that sexual rest in the domestic cat, other than during the natural anestrous phase is abnormal and can result in breeding problems, a thesis not acceptable to the exhibitor and breeder of purebred cats. Queens should undoubtedly be pregnant, lactating or both except when in anestrus.

Breeder/exhibitors usually delay breeding to pursue a show career for thecat in question and subsequently attempt to space out litters to meet demand and continue showing. After a remarkably short time, e.g. by two years of age, some queens under these circumstances start showing abnormal estrous cycles, which are feeble, and the cat does not show acceptance behaviour. Evidence of endometrial degeneration often supervenes and owners cannot understand that this is a hormonal imbalance and not an endometritis due to infection. Few if any cats showing these signs return to normal cycling and become pregnant, no matter what treatment is adopted. Many cats so affected eventually have to be spayed to restore them to health. In this respect cat exhibitors are more fortunate than $\operatorname{dog}$ exhibitors since classes for neuters are a regular feature of cat shows.

Once endometrial changes are initiated, any or all of the following may be seen: decreased litter numbers, stillbirths, neonatal deaths, eventual complete sterility and the probable development of an active endometritis complicated by bacterial infection, often E.coli.

## CONCLUSIONS

There seems little doubt that the cat should be a fertile and regular breeding animal and that its complex neurohormonal control of ovulation requires a complicated pattern of mating behavior if regular conception of adequate sized litters is to be achieved. Veterinarians are faced with the difficult task of trying to convince breeders that it is often their own stylized stud management which leads to breeding problems; in short; that it is seldom possible to "have one's cake and eat it". Delayed, selective and spaced breeding often results in poor fertility and even sterility and ill health. In the feline species, a show career and good breeding performance are often incompatible.

Joan O. Joshua, F.R.C.V.S.
Jo-San Park West
Weshall, Wirral
Merseyside, L60 9JE
England

# \#OdGePoDge 

## Hand Raising Kittens

Compiled by Gayle Schaecher from information supplied by the Olympic Game Farm

The best of course is mother's milk, but if your female has rejected the babies or will not nurse the kittens in safety, here are a few hints.

Dog milk is by far the richest, next is human milk and then is domestic cat milk. I am still trying to find out about goats milk as well as cow and horse milk. If unable to obtain any of these natural milks, the following formula has been proven to be good for most types of exotic cats.

```
scoops of Esbilac (Bordons)
4 oz. ice watter (mixes better than warm water.)
        mix well and strain to remove lumps.
    2 oz canned evaporated milk
    2 oz water
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Mix this with $\frac{1}{4}$ egg yolk (do not use any white:) along with whatever vitamins and calcium you want. It makes 8 ounces of formula. As the kittens progress, you can slowly increase the egg yolk so that by the time they are 3 weeks old you are using 1 egg yolk per 8 ounces of formula. If you start to get loose stools decrease the egg. Egg yolk is so high in protien that it is sometimes hard for the kittens to digest.


To provide the kittens with mother's immunity, take 5 CC of the mother's blood and have it spun down by a lab into a serum. This can be given either by injection or be fed to them by mouth. of course if they have nursed on the mother this is unnecessary.

In the Portland area, Le Leche League has been most cooperative in helping us obtain human milk for problem babies. If you need help in obtaining serum work, please let me know and we can get the labs here in Portland to help.

Gayle Schaecher
10715 S.E. Orient Boring, Ore. 97009

EDITOR's NOTE
We' love to hear from others on this subject there are as many formulas almost as motherless kittens...what won't work for one may work for another and we'd like to provide a wide menu for the little ones.

# EGISLATIVE 

 REPORT
## GOOD NEWS FROM CALIFORNIA

Jean Mackay a California member, was thoughtful enough to send us a copy of a letter to her from the Department of Fish Game in California. It reads as follows:
"Dear Mrs. Mackay:
This will confirm the agreement reached in our recent discussion concerning the statement on the application for a permit to possess exotic animals.
It will be permissible for any applicant to cross out, mark out, or obliterate the following statement:

> "and the immediate seizure of the animals by the california Department of Fish \& Game for whatever disposition is deemed appropriate."

You will be interested to know that we met with one of Senator Behr's assistants and several representatives of public zoos regarding the sale of surplus animals. There was general concurrence on the idea that such animals could be sold and eventually be acquired by private individuals. Senator Behr's assistant indicated an amendment to the current law would be prepared for introduction to the Legislature next year. We will keep you informed when any firm proposal is developed."

The letter is signed - B.E. Faist, Chief, Wildife Protection Branch.

AND FROM SENATOR BEHR....
The following comes to us via Lora Vigne, Secretary of our California Chapter.

## Dear Ms. Vigne:

Thank you very much for your letter and for explaining your thoughts on the problems of owning an ocelot.
The purpose of SB 1766 was to insure that ocelots and other exotic animals are being cared for by individuals like yourself and other members of the Long Island Ocelot club who know the particular habits and needs of this particular animal. The bill will simply require that a permit be obtained from the Department of Fish and Game to own or import one of these animals into California.

The purpose of the permit is to provide that those possessing ocelots, which, as you very well know, require a special diet and living environment, know how to care for them. I believe that no one like you would have difficulty obtaining such a permit. Those who would have difficulty would be those who purchased the animal on a whim, or who obtained it and knows little about the animal or its special needs.

You raised a second question regarding the inability of zoos to sell their surplus animals to animal dealers. In a meeting last Thursday between my office, the Department of Fish and Game, and representatives of several zoos, we decided on an amendment to my SB 1766 which I will introduce next month. The substance of the amendment is that zoos will be allowed to sell their surplus animals to exhibitors and dealers who are licensed by the U.S. Department of the Agriculture.

As for individuals who wish to move to California with their ocelots, I see no problem in their obtaining a permit to possess these pets. If they know how to care for them $I$ sense there will be little difficulty in getting a permit. When they enter the state to live, they will apply for a permit with Fish and Game, and presuming that they know something about the care of these animals, a permit should be aranted with little difficulty.

Thexe has been a great deal of misunderstanding about this bill, and there may be other questions which you or your members may have which have not been touched upon in this letter. I would like to refer you to Paul Richardson of my Sacramento staff, (916) 445-3375 who will be glad to answer any questions you may have.
Sincerely,
Peter H. Behr.


And we have it officially from the state of washington - as follows:

WAC 232-12-170 HOLDING GAME ANIMALS, FUR-BEARING ANIMALS OR GAME BIRDS IN CAPTIVITY, UNLAWFUL.
"It shall be unlawful for any person to take from the wild and/or hold in captivity any game animals, game fish, fur-bearing animalso or game biras unless such capture and/ or holding is authorized by a permit issued by the Director, or his designated representative, or under provision of a game farmer license: Provided, that no permits shall be granted to hold in captivity mule deer, blacktailed deer, whitetailed deer, elk, moose, antelope, mountain sheep, mountain goat, cougar or black bear to persons other than municipal, county, state or federal zoos."

Additionally we are told that canada Lynx and bobcat are listed as game animals or fur bearers by Washington and therefore would require a permit.

The American Association of Zoological Parks and Aquariums and ZOOACT have submitted letters objecting to the USDI's recent additions to the Endangered Species list as petitioned by the Fund for Animals. They pointed out that according to the Endangered Species aet of 1973, a thorough investigation into the status of each animal was required, and the fact that the Fund for Animals provided supporting data was not adequate to comply with the intent of the act.
The AAZPA has also petitioned the Department of the Interior to declare the tiger, leopard and jaguar as no longer endangered, but proposes that there is a selfsustaining captive population and therefore they should be reclassified as "threatened wildlife".


# HELP WANTED 

Dr. W. T. Roth, Assistant Director Baltimore zoo, Truid Hill Park, Baltimore, Md. 21217 is on the look out for a female "Felis aurata" or west African Golden Cat (sometimes called Temmincks Cat). If you happen across one (even in a zoo) please let him know-they might be able to work something out.

Feline Practice (A Journal of Feline Medicine and Surgery for the Practitioner) asks our help collecting data on the ocelot/bobcat cross. Any member having information on this animal is asked to send a brief history of it to: Feline Practice, P.O. Box 4457, Santa Barbara, Cal. 93103. Feline Practice specializes in feline medicine and is sent to veterinarians so this could be a help to others. Also, they ask that you encourage your vet to submit material to them for publication regarding exotics as it is in short supply.

Gerald Zsido, P.O.Box 225, Mt. Carmel, Pa. 17851 has a four year old nale margay that is available for stud.

Mrs. Marry Willoughby, 373 Laurier Ave. E., \#201. Ottawa, Ontario KlN 8X6, Canada is in search of a female ocelot to go with Nelson, a Honduran male. Of course the object of this is babies:

And we received the following from Canada also -
"I have a cougar as a pet and would like to hear from others with cougars. These cats are, like the ocelot, very playful in spite of their size and are quite gentle with the owner and others. As far as I am concerned they even help people understand responsibility, caring for animals and have even changed people's attitudes toward the ever increasing need for conservation of North America's fast disappearing wildife.

I would appreciate hearing from others with cougars to obtain more information on the upbringing of my cat.

Larry R. Genttner
339 Berkshire Drive
London, Ont. Canada

## VET LIST TOBE REORGANIZED

Our ambitious new secretary/Treasurer has volunteered to update and reorganize our Vet List. Since summer is approaching and this list is invaluable to us when travelling and confronted with an ailing cat, we ask each member to write Shelley giving her the name or names of veterinarians in your area who will treat exotics.

SHELLEY STARNS
P.O.BOX 99542

TACOMA, WA. 98499

## 74 E.S. Symposium Published

The following is a synopsis of the printed PROCEEDINGS OF THE SYMPOSIUM ON ENDANGERED SPECIES OF NORTH AMERICA, held June 11-14, 1974 in Washington D.C. cost $\$ 4.00$ by Randall L. Eaton and Jan R. van Oosten. B. J. Lester P.O Box 133, Neptune Beach Fla. 32233 was kind enough to provide us with these highlights. B.J. will be glad to send you the address if you wish to purchase the entire volume.

A discussion was given about the seven species of North American felines: puma, jaguar, ocelot, margay, jaguarundi, bobcat and lynx. The bobcat shown as the most ubiquitous; jaguar and subspecies of puma the rarest. Lynx said to be more specialized and thus more limited in range but abundant in vast areas of Alaska and Canadz. The ocelot is probably the most familiar and least understoon smailer cat while margays are believed to have no sustaining population existing yet are listed as native species by the state of Texas. It was stated that little is known of the biology and behavior of the jaguarundi. In louisiana it is protected as a furbearer and in Texas is classed as a predator worth bounty.

The discussion further said that fur ranching of ocelots and other species such as snow leopards and cheetah appear to be going ahead because Brager-Larsen (leader in adding wild species to the fur industry) believes fur ranching will be a positive factor in conservation of the ocelot but this was met with considerable resistance by arguements that availability of ocelot fur garments from ranches increased enthasiasm for owning furs and would increase the overall demand for wild cat skins. Further, controlled breeding produces a domestic form quite unlike wild ancestor and worthless for restocking the wild.

As for the pet trade in wild felines, it has been shown to be UNIMPORTANT overall as a source of demand amounting to less than $5 \%$ of the export from countries south of the U.S., but that the mortality rate was high in that for every smaller cat arriving safely 8 died in capture, holding and transit. It stated "The Long Island Ocelot Club membership reported about 300 ocelots and margays in 1973.:" This discussion further stated that there is little if anything positive coming out of private ownership of exotic cats listed as endangered and amounts to an unnecessary drain. The discussion said..."We favor the banishment of private ownership of endangered species unless the animals are captive born...."

## ELECTION RESULTS

The results are in folks and counted, etc. of course Ken Hatfield, Roger Harmon and Shelley Starns ran unopposed and now hold the offices of President, Vice President and Secretary/Treasurer respectively.
A little under 100 votes were casts for the four term directors and our new group for the next two years is:

Bill Boyle
Charles Douglas
Ethel Hauser Shirley Treanor

We hope their term is uneventful - but then we don't want them to lack for work either.

Of course our four life directors remain unchanged (it should remain so for a long while:) They are Catherine cisin
Bill Engler Mike Balbo Ken Hatfield


## Guide to Previous Issues of International Zoo Yearbook

VOLUME l..contains 57 papers, including reports on the exotarium at Frankfurt Zoo, sea lion installation at San Diego Zoo, Gian pandas in captivity, hippopotamus milk analysis and the use of tranquilizers. Special. fearutes: symposium on apes in captivity, mammalian gestation periods.
160 pages - 19 photos.
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VOLUME 3 - contains 69 papers including reports on oranutan behavior in the semi-wild, mating behavior of antelopes, breeding gorillas at Basle and Washington zoos. Special Features: symposium on small mammals in captivity, survey of mamalian breeding seasons in captivity, survey of quarantine regulations. 321 pages - 46 photos.
$\$ 20.00$
VOLUME 4 - contains 68 papers, including reports on breeding the Pygmy chimpanzee at Frankfurt zoo, breeding the congo peacock at Antwerp Zoo, ethology of the African elephant, avian general anaesthesia and blood groups in anthropoid apes. Special features: surveys of animal milk analyses and hand-rearing techniques. $\$ 20.00$

VOLUME 5 - contains 101 papers including reports on artificial insemination of mammals, breeding of hydraxes, behaviour of chimps in the wild, hand rearing fisheating birds and paraplegia in the gorilla. Special features: symposium on ungulates in captivity, survey of recent zoo buildings.
430 pages - 72 photos
$\$ 17.03$
VOLUME 6 - contains 121 papers including reports on acclimatisation of tropical species of monkeys in the Moscow area, coprophagy in apes, the voices of the Felidae, captive crocodilian growth and breeding penquins. Special features: symposium on nutrition of animals in captivity, survey of reptile and amphibian longevities. 503 pages - 67 photos. $\$ 17.03$

VOLUME 7 - contains 123 papers including reports on breeding the Proboscis monkey at the San Diego Zoo, breeding behavior of tigers in Rajasthan, breeding behavior of the Black rhino in zoos, maintenance of tenrecoid insectivores in captivity, status of the dugong in Indian seas, and leg paralysis in flamingos. Special features: symposium on penguins in captivity. 410 pages - 61 photos.

VOLUME 8 - contians 73 papers including reports on zeproduction of the Canidae, a mixed exhibit of Polar bears and Arctic foxes at the Omaha Zoo Breeding, care \& phsiology of Snow leopards at Kaunas zoo, and at St. Louis Zoo, birth of 6 apes at Dallas zoo, SPecial feature: symposium on canids and felids in captivity. 414 pages - 70 photos. $\frac{\$ 17.0 \frac{1}{3}}{\$}$

VOLUME 9 - contains 107 papers including reports on the great ape houses and grottos at Omaha $Z 00$, the penguinarium at Detroit zoo, breeding Demidoff's galago, breeding European Lynx at Norfolk Wildiife Park, Speical features: symposium on amphibians and reptiles in captivity, Guide to the study of wild nammals in captivity. 336 pages - 56 photos $\$ 17.03$

VOLUME 10 - contains 82 papers including a description of the clore pavilion for small mamals at London $Z 00$, breeding Tasmanian devils, bats, lemurs, foxes, bears and cheetahs, and the immobilization of carnivores by means of drugs. Special features: symposium on birds of prey and owls in captivity. 375 pages -52 photos $\$ 18.34$

VOLUME 11 - contains 98 papers including articles on the acclimation and domestication of the eland at Askanya-Ncva $Z 00$, breeding marmosets, hutias, bush dogs, tanalokas and keas, and the rehabilitation of oiled sea birds. Special features: symposium on marsupials in captivity. 352 pages - 48 photos.

The above volumes of the International zoo yoarbook may be ordered from:

Johnson Reprint Company
111 Fifth Avenue
New York, N.Y. 10003
Please add $\$ 1.50$ for postage and handlling.

## L.I.O.C. NEEDS YOU I




## Necrology

SAMANTHA, owned by Mr. \& Mrs. Joe Bargeil has been featured many times on LIOC's cover. The Bargeils write: "on November 12th, 1974, we came home to find her dead. Samantha was eleven or twelve years old - Joe's wrestling partner. She came into the house from 7 to 10 or so each evening. Many evenings she spent asleep like a big kitten or she would sit on my shoulder and pull my hair. We enjoyed her to the end...never once did she get out of line, but was always the perfect lady. The special house we had built for her is now untouched only the birds go into it now - we miss her very much. but wanted to share her beauty with other members one more time."

SILVIE - belonging to Gary Butler was killed November 23rd by an older cat. Fortunately her twin was saved. Gary begs everyone to remember that it only took a second and a moment's carelessness for the lovely ocelot kitten to die. "She demanded love from everyone, he writes, we shallmiss her greatly."

MONTEZUMA MARCH 18.1960-NOU.6. 1975

MONTEZUMA, Meg and Si Merrill's margay, died November 6 th, 1975 at the age of 15 . He was of course featured in Meg's book OCELOTS \& MARGAYS.


## CONVENTION 76



THE BATTLESHIP TEXAS


# IS COMING <br> HOUSTON GET READY! 

# From under the Editor's desk* YOU \& THE PRESS 

As some of you may know I am a member of the broadcast media. I have seen so many articles showing the bad side of exotics.......through ignorance on the part of the owner that I feel I must write a "How To" on the subject.

If you have ever been interviewed you were probably surprised when you read it or saw it on TV. In defense of reporters everywhere I should remind you that they are working against a clock and there is human error or individual interpretation. News is quite often someone else's tragedy....reporters are taught to catch odd and unusual things....the everyday joe isn't news:...the odder the better. Be careful what you tell them - what may seem common to you will lable you a nut to others.... chicken necks in the bed for example.

First, you must decide whether you want the publicity and ensuing interest in your cats. What will you gain or lose by it? 'If your cats aren't $100 \%$ legal and you're possitive of it - don't take the chance. Be sure your facilities are up to par - don't explain that you just received a certain cat and she pulled her hair under the strain of the move - she'll look like a deprived animal on the air or in print....don't show such a cat.


It may be in your and LIOC's benefit however to have your story told... on your grounds and conditions. Newspapers always need "fillers" or Sunday features to break up the hard core news and advertisements. TV stations are looking for human interest stories - its a good time for good publicity. If at all possible talk to the reporter BEFORE he comes to your home....if he or she should sound the least bit hostile or keeps probing for oddities maybe you should beg off for now - or try another reporter. Keep your ears and senses open.
Photographers areanother trap easily fallen into those growls can sound absolutely threatening to a mother with a small child living around the corner. mother with a small child inving around the corner. can do you in. If the cat is uneasy, allow no photos until it settles down (if it will). Don't let them talk you into getting the cat to take a swing at the funny looking contraption - or even hiss at it. Don't allow photos of the cat in midair jumping to your arms while this may just appear action photography, it will be misunderstood by many who see it. It could come back to haunt you some years later. You want to show a warm, friendly responsive pet......a companion to you. If at all possible, ask and all but insist you preview the article...be nice but firm. It isn't always practicle because of deadiines...but if you are approached first you can demand more - also if it is understood at the start....you stand a far better chance.

Talk up how nice your animal is of course explaining that it may be shy with strangers as a dog is and just as aloof as a house cat.....explain that there are thousands of exotic pets, they weren't taken from the jungle but are being bred in captivity now. stress that individuals such as yourself are insuring their survival through breeding in captivity.... our breeding rate is as good and better with the small cats than the zoos. Exotic cats have been kept in captivity since the time of the pharohs - don't be ashamed of it. play down, or don't even mention those love nips, no horror stories of bites \& scratches even if they were your fault - forget them totally; no complaints from neighbors (unless they got to the press first) destructive behavior, bad smells etc. Shy away from how much they cost - its a valuable piece of merchandise to some. A reader or viewer is likely to remember only the bizarre - and that's bad for us.

The primary purpose of granting or seeking an interview is to make it work for you - either to introduce yourself to the community or to speak out against unfair practices. It is nice if you promote LIOC and its work of edacation and promotion of breeding.

Don't be afraid of the media - they can help you but they can also hurt you. Use it or ignore it to your advantage:

Danny Treanor
** Every once in a while, (quite frequently actually) Danny starts bugging me to write an article on this or that subject, or even worse, disagrees on my viewpoint of a particular subject. Needless to say. this can drastically upset the domestic traquility (which is rare) of the Treanor household. At other times. I'm just too busy, or preoccupied with things to give my attention to whatever subject Danny has decided is earth-shattering at that particular moment. Now don't get me wrong- Danny is invaluable when it's Newsletter time (he's officially the stamp and envelope licker \& part time stuffer, what more could he ask for - they gave him a lotty for it didn't they?) but he can be a downright pain at times too. At any rate, I'd finally had enough, and retorted "well, why don't you write an article now and then!?" Well, he has. I've given him his own little column head, so when he feels I've been negligent in my duties, or he disagrees with me, he can step right in and say so.

## NEW FELINE DIET AVAILABLE CARNIVORE DIET


horsemeat available on reouest.
PRICES GUARANTEED THROUGH JANUARY, 1976.
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WISCONSIN BRAND
SALES DIVISION
614, Atlantic Natiönal Bank Building SANFORD, FLORIDA 32771


MEETING REPORT
January 17, 1976
To start off the new year, the Friendship Branch of LIOC gathered in Friendswood, Texas (just outside Houston) The weather was just great, so under sunny skies and warm hospitality the conversation turned to available area motels, airport availability and local points of interest to visitors plus what eating spots would appeal to out-of-towners. Houston knows all about steaks and great seafood so all who come to Convention '76 will have a wide choice of menus.

The meeting officially began at 1:00 PM but the first half hour or so was spent looking at cats, welcoming visitors and greeting old friends...not to mention the beautiful and bountiful lunch prepared by our hosts Danny Demonbrun and his folks and host exotics - Bobby Bobcat, cleo ocelot and mate...along with a coop of doves and a few guinea pigs thrown in for good measure. In attendance were: Roger Harmon with daughter Kay and wife Faye and their guest Mrs. Ovell Perry; John Duke and guest Debbie Terry; Jean Hamil, Walter \& Lois Marshall, Sid \& Betty Smith, Danny \& Shirley Treanor with Bounce oncilla (critter margay \& Meewa oncilla. were left in the comfort of the motel room) John Liles and bobcat Sundance. We were glad to welcome Mike Johnson who was tranferred to Texas from California (hope you become a regular face Mike) and visitors Gary and Beverly Berger with margay Misty. Dr. Seager and associates from Baylor college of Medicine Ned and Sue Bowen were especially welcomed as they will be providing information and speaking at convention.

It was with great sadness that we learned of the death of two lioc members - Ron Jacobson a founding member of Southwest passed on January llth after a recent illness and Shirley Nelson, a California member who was invaluable in assisting in the organizing of SW. They both will be sorely missed. It was motioned that we donate $\$ 25.00$ to the legal fund in their memory and passed unanimously.
Next we got to business and that of course means con vention. A motion was made to purchase Richard Evans Youngers' limited edition print of the ocelot as the door prize for convention. Since it is an item that will increase in value - and of course is of our favorite subject it was seconded and passed.
The topic of registration fees were discussed next. . this fee covers the cost of the banquet, breakfast meeting, meeting rooms, miscellaneous costs, etc. Danny gave us a rundown on estimated costs and to allow for a small margin of error $\$ 25.00$ per person was decided upon.

Because knowing exact numbers of persons attending is so crucial, Dr. Harmon suggested we add a late registration fee of $\$ 5.00$ to those registering after a certain date - of course if you register and cant make it your money would be returned - if plenty of notice was given. Since this seems to be standard practice for other organizations the motion was passed.

With no discussion whatsoever, it was motioned that $100 \%$ of monies above the actual cost of convention be turned over to the legal fund - needless to say it was passed.

It was suggested and agreed that we continue the sale table and auction begun last year in Florida. Each $S W$
member was asked to buy or make at least one NICE item to donate to the cause. Additionally, it was decided that we invite the other branches to join us by donating an item which would be labled as being donated by them. Our hopes are that this will be the last year such fund raising events are needed.
Southwest members were encouraged to register their cats and a brief explanation of the system was given.

In amongst all the eating and visiting, the president furgot to mention two items - our usual fund raising raffle and to mention that he -Danny Treanor - President of Southwest, would appear on the $T V$ show MOVIN ON, on March 2nd. (Look quick - it takes all of 12 seconds) He will appear as Fermin Butterworth, the host of the He will appear as Fermin Butterwo
talent show "rainbow to Stardom".
Hopefully our next meeting will happen in May at the Marshall's in Angelton - an important meeting as it's the last before convention and there'll be lots of work to be done as well as fun to be had so y'ALL COME.'


The last meeting of the year was held in the home of Linda Morse in Portland. Gayle Schaecher gave a report as to what went on at the convention in Florida.

Since the summer is a busy time for most of our members, we really haven't had many things going. Kay Franish and her cougar, Tommy have been doing some $T V$ commercials for a local Lincoln Mercury dealer - they both look great and Tommy is so cute.

We welcomed Shelley starns, newly appointed secretary to our meeting. She remineded us that the legal fund is in great need of everyone's help.

Next came the election of new officers
coordinator
.Ildean McCraken, P.O.Box 98, Kalama, Washington
Secretary/Treasurer....Gayle Schaecher, 10715, SE Orient Dr. Boring, Ore. 97009

After elections everyone thanked Ginger for the great job she did....then we got down to cat talk and a light lunch.

Since the meeting Lldean has gotten a new cat - a male golden cat named Sunshine. Gayle was of course very proud to show off Patchee, her new ocelot kitten.

Portland area is trying to put together som impossible rules for everyone to live with. The Oregon Educational Feline club has been quite active in the area. Lldean and I met with a few of their members and tried to draft some proposed rules to be submitted to the city concerning exotics. We did have a nice visit.

Submitted by:
Gayle Schaecher
Secretary/Treasurer


Although it had been announced earlier that we would meet at Ft. Lauderdale, this was changed and we were fortunate to again have the facilities of the Florida Power \& Light Company Park in Jupiter, Florida with chuck \& Susie Kindt as our hosts.

The weather was perfect for members and felines alike and although lunch wasn't served, coffee and cold drinks were available and we had a good turnout. Among those present were Art \& Carol Van Vlack, B.J. Lester with cougar. Jim \& Lyn Craft with Margay Clyde, Don Piechocki, Bob \& Susan Humphrey with cougar Raja, Bill Engler, Marry Nell \& Rebecca Phillips, Dan \& Jackie Harvell with children, Charles \& Sadie Douglas, Dr. Bracey with leopard-Leppy, Chuck, Susie \& Zeke Kindt with golden cat Hershel and guests Taya Batchelor, Laura Montesano, Jan Altwein \& Cathy Graves, new members Peter \& Jan Cumming with ocelot Chippy, Ken, Jean and Connie Hatfield, Bob Davis and yours truly.

Ken briefed us on the recommendations that the attorneys had made which were - challenge the state law on its constitutionality instead of concentrating on the permit fee portion of it; go back to our legislators and ask them to reduce the amount of the permit fee, institute within the Florida chapter an educational and public awareness program and invite visitors and the public to our meetings and establish them as public exhibitions. They also felt that the entire group of members who sign up for the program should apply at one time en mass to the state for their 921 Exhibitor's permit. A discussion followed that brought to light several pertinent facts, among them being persons who have the 922 state permit to possess wildiffe as a personal pet would be required to have a 921 permit to exhibit their animals; however, if one possesses the 921 exhibitor's permit, it is not necessary for them to have a 922 permit. Some members pointed out that they had applied for a 921 permit and had not received it or been able to get an answer from the state regarding its issuance. Ken advised them that the criteria for abtaining the 921 permit has not been defined as yet under the new law. Resolutions evolving from this discussion were:

1. That Ken, with the aid of the attorneys prepare a form on which members would sign their willingness to join the Florida Chapter's LIOC Exhibitors' Group and that this form be mailed to every member of the Florida Chapter and return them to the Secretary of the Florida chapter.
2. That Ken check into the insurance coverage and costs for the exhibition program.
3. That the legal fund (Florida's) be used to defend whomever may get charged with not having a 922 permit because they have been denied an exhibitor's permit and are exhibiting within the guidelines of the program and also that a committee be established to complie these guidelines.

The Treasurer reported that the convention made $\$ 468$. after costs and donations to the National Legal fund were deducted. The membership present voted that it would go into the general fund of the florida Chapter.

As it was very late a motion was made and carried to adjourn the meeting. Several members have expressed a desire for the meetings to begin earlier so that they wouldn't be so late arriving home when a long trip is involved. For example, this meeting in particular was supposed to begin at 2 PM and didn't get into swing until almost 3:30 PM (are you listening Mr. President?)

Florida's Feline Friend,
Anne Davis, Corresponding Secretary


December 14.1975
Our December meeting was held amidst a trickling of snow in Tacoma, Washington at my parents home. We introduced new member Jeanne Fretwell and her guest Mike Giorgetti. Jeanne is formerly of the Oregon area, but moved here recently. We're glad to have her with us. Other members attending were: Steve Johnson, Sandi Skidmore, Ed Smith, Richard \& Evelyn Dyck, Henry \& Judy Sauer and Terry \& I. We were all glad to see the Dycks who make the trip from Canada every month and hardly ever miss a meeting. This time when they left home there was a foot of snow and we really appreciate their dedication and enthusiasm We had only two furry friends in attendance, our kinkajou, fidget and Serval Dea.

Richard brought bumper stickers to sell at. 50 p profit per sticker for the branch treasury. A few were sold at the meeting and others were taken out on consignment. They featured the timely saying "Scrooge was right". Those of us tearing our hair out at this time of the year bought the most.

It was announced that an ordinance regarding the ownership of exotics had been passed in King county to the North and was now with the rules and regulations committee, but exotic owners are in on the writing so it is expected to be quite liveable. On a similar note, we discussed the Washington State Game Department rulings that went into effect in August. They presently say that those haveing game farm permits to hold cougar may continue to keep those they have, but may not add to them. This would include kittens! No more permits will be issued to keep cougar. Also, bobcat and lynx now are to be registered. It sounds rather drastic, but we do have some very good owners working on this to effect a change and the future looks good.

We continued to work on plans for an educational show with our cats scheduled for sometime this spring. A committee was set up consisting of Terry \& I, Sandi Skidmore, Steve Johnson, Henry \& Judi Sauer and Ed Smith. We hope that the show will be a big success. It was also mentioned that we should check into the possibility of showing our cats at shopping malls (under highly controliled circumstances) on educational TV, etc. It was noted that we have been approached by domestic cat breeders to participate in their shows. They would like to have our cats present, but we decided that we would prefer to have just a booth to display photos, literature, etc.

It was pointed out that lately our meetings have been at no particular time, so we voted to hold meetings $\zeta$ on the first sunday beginning at $2: 00 \mathrm{PM}$. And, reing

# LONG ISLAND OCELOT CLUB CALIFORNIA CHAPTER 

MEETING REPORT
NOVEMBER 22, 1975


Our meeting took place in the evening at the home of chuck Mykytyn who lives in a unique split level view apartment perched above the bay and reached by taking a mini cable car to his doorway.

We were honored to have several guests from southern California cat groups. Both Jan Giacinto of World pets Society and Bob Smith of ACED flew up just to attend this meetings. Another group, Exotics Unlimited were to have sent a representative but declined to do so at the last minute. It would have been nice to start the New Year with the allicance of all exotic cat groups in our state and in fact, I suppose we will as Exotics, UnLtd. is devoted to others besides just the cats.

We started off the meeting with a reading of several letters from Inspector Stork... one clarifying the changes in state laws allowing us to transport our animals to such places as vets, club meetings, breeding rendezvous, etc. This should be done with your permit copy in your possession. Extended trips will require a written permit from the Department of Fish \& Game. The other letter refused us membership on their committe since they felt they did not wish to expand the group at this time. It did suggest however, that we have a legislative representative to keep up on legislation relating to exotic pets.
This was had we had planned to accomplish this evening. After some good dialogue on the subject and intelligent suggestions by a very interested group Bob Smith of AcEC was nominated and it was unanimous that he would be our representative and spokesman. Chuck Mykytyn would be alternative and Jean Sellers, though absent that evening was nominated for coordinator. Attendance at all meetings of the Fish \& Game committee relating to exotics would now be attended and we would then keep informed of what is about to occur and work together to take any action we feel might be in keeping.

We want to establish ourselves as affiliated organizations and plan a new letterhead for this purpose showing our solidarity and committment to the cause of being granted the freedom to maintain our exotic pets, as long as it is done in a manner that does not harm the animal or others. We believe this is what the Fish \& Game has in mind as well as certain matters that come up from time to time that we feel are patently unfair. There is a case pending in which a lady who lives in Pennsylvania wishes to move to California whith her ocelot and was advised that she could not do so by Captain zobel. I spoke with him and I am certain he believed he was by the law as it was written. However, I also wrote to Senator Behr (See letter on page ) and he answered that there should be no problem. The Senator said that there had been a great deal of misunderstanding concerning his bill and it was to be clarified shortly.

This gathering was most succesful in accomplishing what it set out to and should give us new impetus to deal with the future of our pets in an intelligent manner. It was gratifying to see some new faces in our midst and also the familiar faces we had not seen for some time. The meeting ended all too soon as meetings always do. Our next meeting will be in January and members will be notified as to thelocation. plan to be active in the New year...if you aren't on the mailing list and would like to be contact me.

CASCADE CONTINUED
"that time of the year" again it was voted to unanimously retain our $\$ 5.00$ per year branch dues.

Our last item of business was the election of officers for 1976. Results were: Coordinator-Terry Starne, Secretary/Treasurer - Shelley Starns, H.E.L.P. CommitteeSandi Skidmore, Steve Johnson, Ed Smith, Henry Sauer and Richard Dyck as alternates.
Raffle winners were: Steve Johnson, Richard Dyck, Sandi Skidmore and Evelyn Dyck. We adjourned to dinner and talk and decided our next meeting will be in the Seattle area on the 4 th of January.

Shelley Starns Shecretary.


## WILD CATS OF THE WORLD

By C.A.W. Guggisberg

Published in the U.S. by Taplinger Publishing $C O$, New York, N.Y. and in Canada by Burns \& Eachern Ltd. Ontario.
C.A.W. Guisberg is a well known naturalist having done much scientific work in Kenya, being appointed Entomologist Field Officer at the Medical Research Lab in Nairobi and consultant of the World Heath Organization on East African plague. Since 1970, Mr. Gugisberg has devoted himself to writing on conservation \& wildiffe. He is the author of more than 20 books including Crocodiles, Simba: the Life of a Lion and The Wilderness is Free.

WILD CATS OF THE WORLD is the most informative cat book published in quite some time, dealing with a wide range of species.
This $9 \frac{1}{4}$ by $6 \frac{1}{4}$ inch volume of 328 pages is divided into 41 chapters plus a bibliography and index. Thirty eight of the chapters deal with specific species. The other three chapters are titled: wild Cats; The Origin and Evolution of Cats; and Wild Cats and man. Twenty pages of photos depict 29 of the 38 species of cat - although some of the more common wild cats are neglected there are pictures of some of the rarer species including the sand dune cat, flat headed cat and even the Iriomote cat.

Although many of the smaller cats are scarce and very little is known about them, the author has done a thorough job of ferreting out what is known and has passed it on to the reader. Well covered are the cat's habits in the wild. By far, the largest section of each chapter concerns the habits of each cat - this in itself is a joy as little is to be found elsewhere.

Reviewed by:
Jack Hagan

KNOW YOUR VET'S TELEPHONE NUMBER


Talented artist and LIOC member Judith Smith wilson has added her efforts to those supporting the Legal Fund. The notes shown here come in boxes of 8 for $\$ 1.75$ (50\% of which goes to the Legal Fund.

The Male Lion, "Baby Tiger", "Cougar Baby sittin" and Cougar Baby in Tree also come in $9 \times 12$ prints suitable for framing for $\$ 3.50$ in black and white or $\$ 5.00$ in color.

Order from: Judith Smith Wilson
10437 Escadera Drive
Lakeside, Ca. 92040
BE SURE TO SPECIFY THAT THIS IS FOR THE LEGAL FUND:



CALTFORNIA MEMBERS PRESENTED WITH
TWIN SERVALS:
Parent cats, Inca (female, 3 yrs) and Zuni (male, $3 \frac{1}{2}$ yrs.) reside in a 40 foot chain link run with dividing gate so they can be separated when necessary. Inca and Zuni belong to members Jean \& Stan Townes.

Inca went into labor at 1:30 Am on December 31st and the first kitten appeared at $2: 05 \mathrm{AM}$ with the second one arriving shortly thereafter.

Inca nursed her babies four days until which time she was upset by a neighbor's dog and the kittens were removed for their safety. There is one male and one female and both are doing beautifully. Eyes opened at exactly one week; ears began to lift at two weeks and the teeth began to break through. Their growth rate is amazing - they have doubled in size since their birth.... can't think of a better way to ring in the new year: (picture was taken at one week of age)

## AND MORE BABIES AT THE HAUSERS:

After a whopping 107 days gestation Max and Suki ocelots presented Allan and Ethel Hauser with twin girls on August 29 th. The pair weighed in at seven and a quarter and eight and a half ounces. Suki, Max and kittens are doing great, but Grandma Hauser at last report was still burping $N$ bottling.


