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The Probe: Newsletter of the National Animal Damage Control Association

Wildlife Damage Management, Internet Center for

12-22-1982

The Probe, Issue 27 - December 1982

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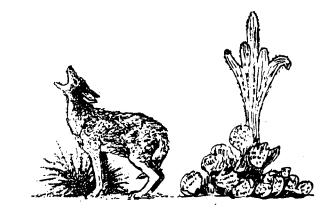


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"The Probe, Issue 27 - December 1982" (1982). The Probe: Newsletter of the National Animal Damage Control Association. Paper 101. http://digitalcommons.unl.edu/icwdmprobe/101

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# THE PROBE



### National Animal Damage Control Association

No. 27

December, 1982

#### BROMETHALIN

In PROBE #18 we mentioned that Eli Lily Co. was planning to register a new acute rodenticide (EL-614) with the tongue-twister chemical name of N-methyl-2,4,dinitro N-(2,4,6-tribromophenyl)-6-(trifluoromethyl)-benzenamine. The FEDERAL REGISTER [1 Sept. 1982] announced an experimental permit had been issued to the Elanco Products Co., 740 South Alabama St., Indianapolis, IN 46285 [home of Eli Lily Co.]. YE ED wrote to them for further information and got an answer back from Bill Jackson (NADCA, Bowling Green State University, OH) who has been doing the field testing on this chemical. He stated while labels have been approved by the Environmental Protection Agency, the marketing/licensing plans are not complete at this time. Bill also sent me the specs on this new rodenticide.

Bromethalin gives a lethal dose to rodents in a single feeding but death can be delayed 2-3 days so that the rodents do not normally associate poison symptoms with the bait. However, dead rodents have been found within 24 hours after ingestion of a lethal dose. Apparently the rodents do not discriminate against bromethalin bait, but feeding ceases after the first day saving bait and labor. It is effective against known anticoagulant-resistant individuals and seems reasonably safe against non-target species. Rats killed by feeding on 0.005% bromethalin bait for 16 hours, were skinned, carcasses ground, and pressed into blocks. Beagles maintained on these blocks for 2 weeks showed no signs of toxicity. The chemical will be available in a loose meal bait dyed green at 0.1% and a 2.0% concentration for custom formulation.

Acute effects include tremors, clonic convulsions, prostration, and death usually within 18 hours when animals are overdosed. Chronic effects include lethargy, hind leg weakness, loss of muscle tone, and paralysis. In sublethal doses these effects are reversible if administration of the toxicant is discontinued. It works by interfering with the nervous system (I'll spare you the jaw-breaking terminolgy because I'm not sure of it myself). The technical chemical is toxic to most species in the range of 1-13 mg/kg (see table on next page). But as rodents consume larger quantities of bait per body weight than the predatory species, bromethalin baits are considered selective for non-target species.

Norway rat		og	4.7	Rabbit13.9
Roof rat	6.6	Cat	1.8	Chicken 9.0
House mouse	5.0 N	Monkey		Quail 4.6

The usual precautions apply as when exposing toxic baits for commensal rodent control. The apparent advantages of bromethalin are:

A unique mode of action never before used in rodent control.

- Field tests indicate 90% or greater control of Norway rats and house mice under a variety of habitats.
- Bait consumption ceases following ingestion of a lethal dose in one day's feeding thus saving labor and bait.
- Rodents apparently do not discriminate against bromethalin bait.

Effective against anticoagulant-resistant individuals.

Don't accept your dog's admiration as conclusive.

#### WHO'S AFRAID ?

Havry Katz' (Elco Mfg. Co., Pittsburg, PA) sent YE ED a copy of a letter from Rex Marsh (University of California-Davis). Rex claims there is nothing in the literature to indicate a fear pheromone is produced by the footpad glands in rodents. So this should lay a nursery tale to rest for the time being.

Best way to teach kids the value of money is to borrow from 'em

#### WHERE IS THE HUMANE SOCIETY WHEN YOU NEED THEM ?

Tom Nordberg of Aitkin, MN while hunting this season spotted a five-point buck in a field. He shot him in the shoulder. Both the deer and Tom took off. After tracking the animal for a half hour, Tom found his buck, but three timber wolves had beaten him to it. While the animal was still alive they were ripping out most of its hindquarters. The wolves were scared off with a shot as Tom finished off the still alive deer. Tom took what was left of the wolves' dinner back to his own food locker. The Humane Society is really negligent in not having gotten a court order requiring all predatory animal not to start supper until the entree is absolutely dead and they have said grace over it. Thank to Mark Worcester & the Aitkin Independent Age, 17 Nov. 1982.

Fewer in Washington should get posts - - more should get the gate.

#### BATS ALL, FOLKS !

Clay Mitchell (Denver Wildlife Research Center) gave YE ED copies of some interesting correspondence regarding an Eastman Kodak add that appeared on the back cover of Science and similar magazines a few years back. The ad, which depicts a closeup of a vampire bat with the caption "Flight cancelled." tells of controlling vampire bat-rabies problem on cattle in Latin America. Diphenadione, an anticoagulant based on a Kodak chemical, has been successful in reducing these losses in a very imaginative way. Reportedly, the ad drew 450 responses of which only two were negative. The official response from EK HealthServices Marketing Division documented the economic need for control of this problem, the selectivity with which the chemical is being used, and the fact it is a creative use of chemistry compared to existing control methods. The genius who wrote the ad also wrote shorter replies which

unfortunately never made it to the mail room. They are examples of the way each of us have wanted to respond to some idiotic letter from our dear public. While the PROBE is not exactly a family newsletter, YE ED knows the Board would be upset with him if he didn't delete certain expletives so here are the somewhat censored replies:

"R.B., Livermore, CA. - It was a real temptation to address this to 'Mr. Bats Ass,' since from the content of your letter, this is obviously what you are.... But thanks anyway for writing.

Seriously though, its dick-brains like you who give chemistry a bad name with your bleeding heart, emotional, no facts, utterly stupic responses to good honest advertising.

'An eye for an eye'? You bet your balls mister, we at Kodak never have liked those little ...... And you should hear what George Murray does to the ones he has on his farm.

I hope this has answered your concerns. I've tried to keep this reply simple to go with your mentality. Please don't hesitate to contact us again if we can be of further assistance."

"J.C.H., Amoco Production Company, Tulsa, OK. - It's always a pleasure to get mail from you readers of *Analytical Chemistry* out there. It's particularly gratifying to know that analytical chemists can read! And write!

It's not surprising that someone who works for the country's largest blood-sucking industry would write to attack an ad describing a method for controlling vampire bats. No wonder this idea is offensive to a representative of the petroleum refiners of the U.S.A. I wish your president and chairman of the board had written. I'd like to suggest that they use some of their exorbitant profits (obtained at the expense of us poor working stiffs), to reimburse the poor cattle ranchers of Latin America for their losses caused by Desmodus notundus.

Under separate cover we are sending a case of Diphenadione to smear on your company executives' backs. As they preen each other while roosting in the treasury vault counting the excess profits, they will ingest the chemical, and die as they live (high on the hog), by bleeding!

By the way .... I hope you continue to pursue wildlife photography as a hobby. I would suggest that you switch to Fuji products, though. (Those same wonderful folks who brought you Pearl Harbor.) These days, they only kill whales and dophins, and we all know what harm they cause.

Please get out your set of crayons and write again - - it's always nice to hear from .... like you.

P.S. If you ever visit Latin America, stay under a mist net. The vampires would love to change diet from livestock to a turkey like you."

Money doesn't talk - - it goes without saying.

#### BIRDS CELEBRATE A SILENT FOURTH OF JULY

We were real unhappy to get the following note from our generous supporter, Marshall Hyde (Port Huron, MI 48060 P.O.Box 497)who imports agricultural fireworks: "...Most of the might and majesty of the Government of the U.S.A. is moving heaven and earth to put us out of business. Results to date: no NOISE BOMBS have been sold since early in 1981 thereby reducing our sales by 50%. A plea for mercy to the President stayed the hand of the DOT (Dept. of Transportation) until September 1st of 1983 when we must have disposed of our stock of SCHRECKPATRONEN (Scare Cartridges). They will all be gone by May of 1983. And that is that !" We mentioned this problem first in PROBE #20. I hope Marshall keeps a couple of SCHRECKPATRONEN to put under the tails of those officious DOT bureaucrats.

If I had my whole life to live over again - - I don't think I'd have the strength.

#### DEER ME - - HERE WE GO AGAIN

We mentioned (PROBE #27) the Smithsonian Institute's problems with native deer on their exotic game preserve in connection with the Florida deer hunt fiasco. How Phil Eggborn (Virginia Dept. of Agriculture) sends us a whole series of clippings with further news on this Virginia problem.

Some deer were fenced in when the 3,000+ acre preserve was first formed. Further, the country is so rugged the 6-8 foot fences are insufficient in some places so other deer can get into the area. Due to this deer pressure, the alfalfa crops planted in the area that should have yielded 75 tons had only 45 tons in 1979, 9 in 1980, and 0 in 1981. Besides eating alfalfa intended for rare and endangered species, the deer have infected the range with parasites like meningeal worms. A hunt held in 1981 took off 126 deer. As the herd is reproducing at the rate of 110 per year even this is not going to help.

But when the media got word of a hunt scheduled for 1982, old friends appeared to get their silly comments and ugly faces in the paper again. Cleveland Amory (FUND FOR ANIMALS) predicted: "There isn't a reader of the Smithsonian Magazine who will want to continue to read the magazine if this hunt goes on." John Grandy (HUMANE SOCIETY) said, "The only rational goal is to call off the hunt and get the deer out of there once and for all." (He doesn't suggest how this could be done but he probably thinks deer can be herded like sheep) Yates (D-IL), who is no friend of ADC, is the chairman of the committee that holds the purse-strings on the Smithsonian. He has held hearings on the project until it had to be abandoned for this year. Now they are going to do some "research" on the possibility of relocation over the objections of the Virginia Game Department who claim they have enough deer. (Here we go! Reinventing the wheel again.) Even Yates admitted he opened the hearings with his mind made up, but after hearing some scientific facts was "less sure". So it looks like they're going to spend a half a mill repairing the fence, but they are still going to have the deer in there.

Did you hear about the illegally parked frog? He got toad away.

#### SORRY! ANIMAL RIGHTS AGAIN!

YE ED wrote the following for PEST CONTROL magazine.

## Do animals have rights?

by William D. Fitzwater

t sometimes seems we have to move two steps back for every step forward. We are amazed at the ignorance of the 16th century French peasants who tried to stop rats from damaging their crops by legal court suits. The courtappointed lawyer, Monsieur Chasseneux, had the case dismissed when he demanded all cats be bonded. His clients, the rats, had to be assured of safe conduct to and from the courthouse, but the plaintiffs refused to post bonds and the case was thrown out. While the results were right, the method of achieving them leaves serious doubts as to the judicial system of those days.

But are we any better today? Bronson La Follette, the attorney general of Wisconsin, completely disregarded local ordinances and let his Irish setter Cutter run loose. When hauled into court by the dog catcher, he had his lawyer demand a trial by Cutter's

peers and brought a pack of yipping mongrels into the court room. The next time, he had the dog catcher try to pick Cutter up out of a lineup of trish setters. The third time, he demanded the death penalty for Cutter on the grounds that death was preferred to the cruel and unusual punishment of not letting the dog run free! This is jurisprudent progress?

Animal rights is becoming a hot item in the legal profession as lawyers seek to open up a whole new area of law and thus keep themselves in caviar. San Francisco Attorneys for Animal Rights (AFAR) and the Society for Animal Rights (SAR) are two of these activist lawyer groups. They equate the struggle for animal rights with the struggle for the rights of "Indians, incompetents, and aliens." Don't snicker. Where emotions become involved, reasonable compromise is rarely possible. Why should the pest control industry fret about this charity scheme for deserving lawyers? Just imagine being brought into court to defend against a charge that your serviceman left mice confined in a Ketch-All trap over 24 hours without permitting one phone call!

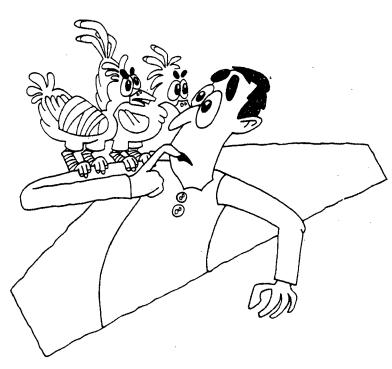
Everybody is in favor of humane treatment of the lower animals even to the point of reasonable laws. But adherence to animal rights principles would tie up the pest control industry and food suppliers in litigation that would assure law school graduates unlimited employment for many years. It is impossible to fight emotion with such inconsequential means as logic, but there are weaknesses in the animal rights arguments:

- "Animals have as much right to life, liberty, and the pursuit of happiness as humans." These are all human concepts. The biological world is governed by might, not right. Animals know no other creed than to dominate others weaker than themselves. If they would observe the "rights" and laws, maybe we would be willing to observe theirs.
- "All non-human species are equal to humans and to each other." In this philosophy the moose is no more deserving than the mouse. I didn't notice AFAR getting into the California medfly controversy on the side of Governor Brown.
- "Some species are higher up the evolutionary scale, thus deserve more protection." Evolution is another human concept (at least in scientific circles). Creationists must admit God gave dominion to mankind over the other animals. The gorilla is no more moral than the gnu or the gonococcus.
- "Some species are beneficial or harmless to humans." This is another arbitrary man-made concept. Many species are in and out of favor depending upon circumstances and human experiences. When I was in India, I heard of a sect that each year would put out one kilogram of sugar for the ants. In other places, people go out of their way to step on them.
- "We can prevent the loss of animal species by such legislation as the Endangered Species Act." This attempts to put human laws above natural laws. Extinction is a natural process. During the next million years, all species now on earth, including man, will become extinct.

I don't know about you, but I feel the cow that furnished the prime rib on the plate in front of me spent its' life to good purpose.

J. Nat

William D. Fitzwater
Secretary-Treasurer,
National Animal Damage
Control Association



I broke my wing when I fell out of your bird house! This is my lawyer.

#### JUST WHAT YOU NEEDED !!!

Kitty Poo Products has a Kitty Poo Cat Potty. It's a cat litter box that comes with two refills called Kitty Poo Pebbles. The refills are described as "all-natural" and even "edible". Albuquerque Tribune, 3 Nov. 1982.

If at first you don't succeed, try, try again. Then give up. There's no use in being a damn fool about it.

#### FUR HARVESTING AND PREDATOR CONTROL

That's the title of a paperback book by NADCA member, Roy Kuykendall. It gives the reader the advantage of Roy's long experiences as a USFWS trapper in California. There are chapters on the selection of traps and trapping equipment, locations for setting traps, basic trap sets, winter sets, predator calling, den hunting, coyote getters, preparation of furs, scent formulas, etc. Written in an easy narrative style, you can get a copy by sending \$10.00 to Roy Kuykendall, Box 171, Adin, CA 96006. You'll get the book postpaid as well as an offer from Roy for a free question-answer service and free lessons in fur trapping.

TV gives ya a headache - - then tries to sell ya something to relieve it.

#### LETTERS TO YE ED

Victor Robert (Sunnyside, WA):
"I am a woolgrower here in Washington State. Homer Ford got me to join, and never have been sorry to be in your membership. Enclosed is a check for \$25.00 for membership.

We still have a tough fight here in Washington State getting the game department who run our trapping program (this was when Andrus was trying to give ADC away to the States and Washington took him up. They have been through the courts several times as the ADC money disappears but not on coyotes - See THE PROBE #2) to show any enthusiasm over coyote control!

They came out with a statement 5% loss was acceptable. Maybe to them, but for us owners that is something we can't live with. With that kind of loss, the whole profit picture is gone. Lamb prices are 25% off from last year, expenses up. We can't take those kind of losses. Our only hope is for 1080 bait stations as our ranch borders on the Hanford Atomic Area which has no control at all. We get all their animals who are protected in the area.

I only wish your newsletter would go to some people who are lacking true information of what is happening out here in the grasslands. Keep up your good work. I know you feel as the no one is listening, but if we can convince one unbeliever, we have done something." I sure feel I'm talking to myself and I know what I say isn't reaching the right audiences either, but .....?

Sandy Whittley in sending in her boss's (Bill Sims, Texas Sheep & Goat Raisers Assn.) dues for 1983 writes:

"By way of information, for those interested, the TS&GRA (Box 2290, San Angelo, TX 76902) has for sale t- shirts with a cute fluffy sheep on them and "EMBRACEABLE EWE" or "EWE'S NOT FAT - EWE'S FLUFFY" captions. Also, we have "sleep shirts" with sheep jumping over a fence and the caption, "Now I lay me down to sheep" and one with a rather shy looking sheep and the caption, "I wool if you wool". The \$6.00 t-shirt comes in children's sizes (2-4, 6-8, 10-12, and 14-16) and adult (small, medium, large, extra-large). The \$8.50 "sleep shirts" come in extra-small, small, medium, and large adult sizes. Add \$1.50 per item for postage.

Also my boss was elected as State Senator from the 25th Texas Senatorial District on November 2nd. We are real proud of him and feel he will really make 'em a good hand. Certainly after 17 years with the TS&GRA working on the local, state and national legislative levels, he knows the ropes and should be very effective."

Best of luck, Bill. It's nice to have an elected offical every once in a while who doesn't think 1080 is the worst thing since Attila, the Hun.

Jimmu Trampota (Victoria, TX) says:...

"Been meaning to write this letter since June and finally got around to it... the last time I went into a Safeway grocery store...The paper bag that encased our refreshments had a big whale with the words "Safeway is proud to be associated with the following organizations - - "You name 'em - - Defenders of Wildlife, Audubon Soc., Friends of Animals, Greenpeace, Sierra Club, I believe even the Humane Soc. was there. Don't think they missed one...Anyway Safeway has got my last penny. I believe our membership should be so informed. I don't think our few numbers will hurt their business too badly, but if each tells a hunter, rancher, etc., well, maybe we can watch their stocks fall a fraction of a percent." Haven't seen this in New Mexico yet. A silent boycott is no good, however. Write to central management and let them know there is another side to the story. Afterall, these environmentalists try to make the public think they are the same as motherhood and apple pie.

Juanita R. Wilson (Monmouth, OR) writes:

"...We find your newsletter very interesting, informative, and, at times, highly disturbing! Please continue trying to alertpeople about this situation. The animal rights campaign is so ridiculous that not very many people take it seriously. Only those of us that raise livestock are aware of just how much the extremists have accomplished.

Quite often your newsletter has specific information that is of great interest and should be passed on. Do you mind if I quote you on occasion? Thank you for all that you are trying to do." Thank you too, Mrs. Wilson, for those kind words.

Phil Eagborn (Mechanicsville, VA) said this a little earlier:

"Of interest to members might be the increased incidence of rabies in our northern Virginia Counties (see RABIES). The rabies in raccoons, particularly in our southeastern states, have been high for several years, however, the situation in Virginia appears to be isolated from that problem area....

Of interest to some might be what we have found out about dispersing late summer blackbird roosts, particularly those in the backyard shade trees. We have found the use of distress tapes (starling, grackle, and robin) to be very effective in the early stages of roost development. We have altered the continuously playing

tapes to run intermittently. That is, the distress cry will run for 15 to 30 seconds and then there will be a blank space for a like time or some music or anything added as a filler. I talked with Dr. Glenn Dudderar, Michigan State University Extension Wildlife Specialist, recently, and he confirmed what we had found to be true. Of course, the AV-Alarm system works on the same principle and we found it works more effectively with the distress cry as well.

I might add that we had more backyard blackbird roostcomplaints in Virginia this summer than in any of the previous summers (11) that I have dealt with these confounded birds. I don't feel we have any more blackbirds around. Its' just that more people complained.

...I agree with your assessment of the need for this association and wish more people would become members. You almost have to lose something before people start to act. Well we are closer to that than most people realize." Amen !!!!

Former District Supervisor John J. Pickens (see PROBE #26) died on October 22 in Duke, OK and was buried on October 24 near Duke. John retired in September 1968. His love for trapping and teaching others stayed with him all during his retirement - right up to the time that cancer overcame him. John was a man in love with the outdoors - understood wildlife - never let on about his hurts or dislikes and loved pranks. A jovial man who has left his mark in this world - a a lot of it in the friends and co-workers he taught and worked with. John C. Meyers

Milton H. Boone of Ft. Worth, TX, more commonly known as "Dan Boone", recently passed away while visiting relatives in El Paso. Dan began his career in the USFWS as a Game Agent in the Division of Management and Enforcement. After retiring from the USFWS, he went to work for the Texas Rodent Control Service in 1964 for six years. This was an easy transition for Dan because for many years he had shared an office with the ADC office in Ft. Worth. Dan was of the old school - more concerned with management for the benefit of wildlife rather than waiting for them to be killed illegally so he could make a case. He was one of the first to recognize the need for a sandhill crane refuge and argued the merits of the Muleshoe area as being the most advantageous location. We all had a great respect for Dan and will always respect his memory. Milton Canoline.

#### PERSONNEL CHANGES

YE ED promised last time to have the scoop on two recent USFWS retirees from Idaho, Eric Peacock and Robert T. Quiroz. Eric apparently is enjoying life too much to bother to write, but this is what Bob has to say:

"Sorry about not sending check for 1983 but have been hunting and fishing past couple of months.

I was born in San Bernardino, CA in 1934. As for school, I completed high school in Shafter, California where my dad, Robert V. Quiroz (we've got at least two father-son teams in NADCA - Fred & Keith Carpenter), was trapping at the time. I worked for the USFWS in three states, California, Nevada, and Idaho.

I enjoyed my work very much as a trapper then the past 18 years as a supervisor.

But with less money coming to ADC every year and people expecting the same amount of work the job finally became a joke. Eric and I have been partners since 1958 and have done a lot of hunting through the years together and have drunk a lot of poison to recall our hunts and cuss the things and people we didn't have much faith in." Robert T. Quiroz.

Never marry for money. It's cheaper to borrow.

#### RABIES

In 1981, there were 7,211 laboratory-confirmed cases of animal rabies in the U.S. and its territories. Only the District of Columbia (they're all mad there), Guam, Virgin Islands, Hawaii, and Vermont (how come ya gotta be different, Howard?) reported no cases. There were 6,405 cases in 1980. Seven species of animals accounted for 97% of all cases; skunks 62.1%, bats 11.9%, raccoons 6.7%, cattle 6.4%, cats 4.0%, dogs 3.0%, and foxes 2.7%. It is interesting that cats passed dogs and both were more common than fox. Two cases of human rabies were reported.

Bats in 46 states, and skunks in 32 states, are still the most widely distributed vectors. Documented rabies cases have more than doubled in the U.S.A. in the last three years. Thank to Family Affairs - Oklahoma ADC's newsletter, 83-1.

Rabies has been increasing, particularly in northern Virginia, during 1982. In the first 8 months they had 362 raccoons, 27 skunks, 9 fox, 7 cats, 9 bats, 2 dogs, 4 groundhogs, and 1 ferret. Four counties in the northern part accounted for about 90% of the positive cases. The State Epidemiologist has suggested that "pet owners, especially those with cats, have them vaccinated since they are not now required to be innoculated." Thank to Phil Eggporn and his curppings

Money talks but I can't hold it long enough to start a conversation.

YE ED - William D. Fitzwater

THIS PUBLICATION IS INTENDED AS AN INFORMAL NEWSLETTER TO MEMBERS AND SUPPORTERS OF NADCA. IT IS NOT AN OFFICIAL DECLARATION OF NADCA POLICY OR CONCENSUS IN ALL INSTANCES.

I've received notice some of you are missing PROBES. The U.S. Postal "Service" is not only getting more costly but is regressing since the days of the 24 stamp. While I am committed to a minimum of 6 issues a year, this makes the tenth for this year. If you'll keep the last issue until you get a newer one, you'll know if you are missing any. I'll send you whatever you miss by regular mail.

No. 26 was supposed to be the last issue of the PROBE for 1982. However, YE ED ran out of space for his comments, but didn't have enough energy left to fill out two more pages (blanks spaces upset him) so that is the reason for No. 27. We've been getting a good response to membership pleas (Oklahoma gave us a very nice pitch - I wish you other districts that put out newsletters would do the same), but haven't got the 100% plus we need. So if you want to be included in the 1983 NADCA DIRECTORY please get in your dues by the first of the year. If you don't have a pink registration card for 1983, all we need is your name, mailing address, occupation (USFWS, PCO, University, etc.) and your money for one of the following memberships: Student \$5; Active \$10; Active (non-USA) \$15; Supporting \$25; and Patron \$50+.

I also want to stress again this is a non-profit organization trying to improve the image of ADC. Your dues go to getting out the newsletter (no salaries) and working in behalf of the ADC profession. So besides yourself, won't you please try to get others interested? I know the PROBE gets a wider readership than its paid subscription, but if it is to continue it must have a wider support from the field. So when anyone wants to read your copy - - be stingu and tell them it only costs \$10 to learn what the antis are up to, what's new in ADC literature, tools. personnel, etc., and a year's supply of one-liners.

Remember the impending publication of A SYMPOSIUM ON PREDATION (compilation of papers given at the NADCA-sponsored conference in San Angelo, TX). The price of this is \$4.00 to NADCA members if the orders are sent in before 1983. After that the price will go up. Tom Nicholls (USFWS Oregon State Supervisor) ordered 5 copies through USFWS to be distributed to his District Supervisors. What about you others? Please make it easier on me to figure how many copies I have to get printed.

I had some adverse comments on the abrupt notice at the end of No. 26 - if not paid up - you are no longer a member of NADCA. Let me rephrase that - if the following is marked in yellow -

DON'T BE SO CHEAP - - PAY UP.

MERRY CHRISTHAS AND A HAPPY NEW YEAR anyway,

National Animal Damage Control Association



Albuquerque, New Mexico 87110

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