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The Probe: Newsletter of the National Animal  
Damage Control Association

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September 1981

## The Probe, Issue 16 - September 1981

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# THE PROBE



## National Animal Damage Control Association

No. 15

September, 1981

### THE BLEEDING HEARTS HAVE SOMETHING TO BLEED ABOUT - - BUT WILL THEY ?

One wonders how the bleeding hearts responded to the news item that 7-year old Kelly Keene was killed by a coyote as she left her house in Glendale (Calif.) on her way to preschool classes. Coyotes have become commonplace in the area. Neighbors see them running up and down the streets and even put out feed for them. They are regarded as Disney-types who chase only those naughty rabbits who are sometimes bothersome when they cut flowers and bark shrubs. The disappearance of small dogs and cats from the area is a mystery as they surely can't be K-rations for the misunderstood coyote. Of all animal species in the world, only humans feel sorrier for alien species than they do for their own kind. - - *Newsclippings from Ron Thompson, USFWS, Sacramento, California.*

*Those who complain how the ball bounces are often those who dropped it.*

### "SHEEP PERFUME" IS CHIC FOR COYOTES

In 160-acre enclosures, sheep were exposed to coyote attacks on three different occasions. (1) In one pen the sheep were sprayed with "Sheep Perfume" and the coyote made no kills for 23 days. When the group was replaced with untreated animals, the coyote killed once on the fourth day of a 16-day trial. (2) In another test one lamb was taken from a band of untreated animals on each of the first two nights. The remaining animals were sprayed and returned to the pen. The coyote killed an average of one lamb a night for the next 5 days when the project was terminated. (3) Another band of untreated lambs had one killed and completely consumed on the 5th and 8th nights. The band was removed and sprayed. On the 4th, 5th, and 8th nights, single lambs were taken and partially consumed. The conclusion drawn was that the "Sheep Perfume" offered no significant protection to the sheep tested in the enclosures. That the sheep in (1) pen suffered no mortality was believed to be due to their large size, aggressiveness, and cohesive behavior, not the effectiveness of the repellent. - *Dr. Jeffrey S. Green, USDA Sheep Research Experiment Station, Dubois, Idaho*

*You're gettin' old when ya feel yer corns more than ya feel yer oats.*

THROW THE BUGGERS OUT

According to the by-laws, NADCA has to hold its' first election, so now is the time. You have 21 days after you receive this to respond. As this bulk mailing is so slow, we'll count the ballots received by December 31st. A self-addressed postcard ballot is enclosed. There is one hitch - - YE ED bought the cards at a Post Office garage sale for 12¢. If you're lucky and get this PROBE and your card back in the mail by November 1st, it'll go. Otherwise, you will have to attach a 1¢ stamp as the rate goes up at that time. I hopenone of you throw the card in the basket because it is too much trouble to put a penny stamp on it.

As Region 4 was just filled by Milt Caroline, the Board decided it was not necessary to vote for that office at this time so just the offices of Sec/Treas, and Regional Directors of 1 and 7. You can write in any candidate you want. The only stipulation is he/she must be a member of NADCA who is "...not employed full-time by a government agency." Vote only for the RD in your region, but everybody votes for the Sec/Treas spot. Please write your regional number in the proper box. To refresh your memory, these states go with these regions:

Reg. 1 - Alaska, California, Hawaii, Nevada, Oregon, and Washington.

Reg. 7 - Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Puerto Rico, Rhode Island, Vermont, and Virgin Islands.

There has been no time for campaigning, but Milt's bio appears in the PROBE No. 13 and Fitzwater's in No. 1. While this appears a totalitarian type election, your write-ins will be considered by the nominal Circle the name of the candidate. The votes will be counted by a committee of Albi of your choice or write his/her name after those listed. Put the number of your region after "REG." include YE ED. So have at it.

*(For Kris) By the time a man finally understands women - - he's too old to care.*

WRONG AGAIN

We appreciate Bill Jackson (Director, Center of Environmental Studies, Bowling Green State University, Ohio) checking further on our note in PROBE No. 15 about the rabid mouse in Nebraska. Dr. Karl D. Kappus (Center of Infectious Diseases, Atlanta, Georgia) wrote to Bill:

"From 1970 on CDC has made an effort to monitor and confirm reports on rabies in peri domestic rodents by state and local laboratories. The mouse you referred to was diagnosed by the Nebraska laboratory as rabies-positive using the fluorescent antibody test. At CDC the results of fluorescent antibody testing were ambiguous and no virus was isolated from the mouse brain tissue despite repeated animal inoculation. Officially, CDC will report that rabies infection in the mouse could not be confirmed."

"An earlier report of rabies in a mouse was confirmed at CDC in 1976. In this incident the mouse was found in a buidling containing a rabies vaccine production facility, presumably having escaped from its cage after inoculation."

*Middle age is when it takes ya longer to rest than to get tired.*

CAGE TRAP

Dick Wetzel (Minnesota USFWS) sent us a brochure on the "Coon Getter" cage trap (Coon Getter Cage Traps, R.R. 4, PO Box 109, Miller, SD 57362). This is a single door, wire mesh trap with a platform trigger. It sells for \$32.00 delivered and Dick claims it is an excellent trap.

*Horse sense is what keeps fillies from becoming nags. (Are you still there, Kris ?)*

DISNEYWORLD, D.C.

The price tag on the 101 mile Washington, D.C. transit system is now estimated at \$10 billion and going up every month. On the other hand appropriations for Reclamation projects over the past 30 years total less than \$9 billion. Western water projects repay 87% of their cost to the U.S. Treasury. Between 1940 and 1978, water projects generated \$25.6 billion in Federal tax revenues. In contrast, the metro system operates so deeply in the red, Congress has to directly subsidize it with more than \$100 million a year. I guess "pork barrel projects" are defined by the types of hams using them. (*National Water Line, August, 1981*).

*Money still talks but it makes little cents these days.*

IT'S THAT TIME AGAIN !!!

We've added 34 new members since the last list was published bringing the total membership to 438 as follows:

Region	1	2	3	4	5	6	7	Overseas	Total
Actives	84	52	52	33	31	26	11	5	349
Supporting	17	20	17	21	5	7	2	0	89
	101	72	69	109	36	33	13	5	438

The new members are: Henry W. Alberts, Robert D. Asher, Bill Fry, Derril Fry, George R. Gill, Joel Haan, Dorland L. Hammer, Hammet (C. Wayne), Raymond C. Houston, Donald M. Jackson, Bryan E. Jones, Warren H. Jones, Howard L. Kelly, Dean LeClerc, Larry Pank, Ju. die Pank\*, Paramount Services (WA), Marilyn Riggs, Fred Sankey, Frank Shepherd, Gerald R. Rood, Damon W. Smith, Charles P. Stone, Jerry Stout, Woody Webb, Francis F. Williams, Emmet Wilson, (3) Roy R. Carpenter, Jerry G. Lewis, Gerald D. Morgan, Robert E. Neal, (4) Robert T. Quiroz (I apologize here. Bob is an oldtime member who I kept leaving off the list as I thought I was seeing double with a Robert V. Quiroz), Bill Sims\*, and (5) Dr. Ronnie J. Johnson.

We're not as desperate as we were last year in trying to get the PROBE out, but shake your pockets out before Christmas breaks you. Anybody who signs up now is paid up through 1982.

*A lawyer is a man who instructs his son in the alleged facts of life.*

TENTH VERTEBRATE PEST CONFERENCE

The program for the 10th Vertebrate Pest Conference in Monterey, California, February, 1982 has just come out. NADCA plans to have at least a Board meeting at this one so you all come.

TENTATIVE PROGRAM  
TENTH VERTEBRATE PEST CONFERENCE

Hyatt Del Monte  
Monterey, California  
February 23, 24, 25, 1982

TUESDAY, FEBRUARY 24

Topics: Commensal Rodent Control, Predator-Livestock Problems

- 8:00 am - 9:30 REGISTRATION
- 9:30 - THE CONFERENCE'S EDUCATIONAL MISSION IN VERTEBRATE PEST CONTROL (Opening Remarks - Conference Chairperson). *Rex E. Marsh*, Specialist in Vertebrate Ecology, Wildlife and Fisheries Biology, University of California, Davis, California.
- CO-MINGLING OF NORWAY AND ROOF RATS WITH NATIVE RODENTS. *Rex O. Baker*, Professor, Plant and Soil Science Department, California State Polytechnic University, Pomona, California.
- ALPHA-CHLOROHYDRIN (EPIBLOC®): A TOXICANT-STERILANT AS AN ALTERNATIVE IN RODENT CONTROL. *Dr. Ronald J. Ericsson*, Gametrics Limited, Sausalito, California.
- EL-614--A PROMISING NEW RODENTICIDE ON THE HORIZON. *Dr. William B. Jackson*, Professor, Environmental Studies Center, Bowling Green State University, Bowling Green, Ohio.
- RODENT GLUEBOARDS AND BIRD LIMES--STICKY SITUATIONS. *William D. Fitzwater*, Director, bioLOGIC Consultants, Albuquerque, New Mexico.
- 11:55 - 1:25 LUNCH (on your own)
- 1:25 THE URBAN COYOTE PROBLEM IN LOS ANGELES COUNTY. *Robert G. Howell*, Deputy Agricultural Commissioner, Los Angeles County, Los Angeles, California.
- USE OF FENCING FOR PREDATOR DAMAGE CONTROL. *Dr. Dale A. Wade*, Area Wildlife Specialist, Texas Agricultural Extension Service, Texas A&M, San Angelo, Texas.
- COMPOUND 1080--ITS PHARMACOLOGY AND TOXICOLOGY. *Dr. Ernest Kun*, Experimental Pharmacology, Cardiovascular Research Institute, School of Medicine, University of California, San Francisco, California.
- THE ROLE OF USDA IN ANIMAL DAMAGE PROBLEMS. *Dr. James E. Miller*, Extension Fish and Wildlife Specialist, U.S. Department of Agriculture, Washington, D.C.

SNARES FOR PREDATOR CONTROL. *Dr. Major L. Boddicker*, Extension Wildlife Specialist, Animal Damage Control, Cooperative Extension Service, Colorado State University, Fort Collins, Colorado.

GUARD DOGS AND GAS EXPLODERS AS COYOTE CONTROL TOOLS. *William K. Pfeifer*, State Supervisor, Animal Damage Control, U.S. Fish and Wildlife Service, Bismarck, North Dakota.

MOUNTAIN LION PREDATION ON DOMESTIC LIVESTOCK. *Russell Suminski*, Wildlife Biologist, Animal Damage Control, U.S. Fish and Wildlife Service, Reno, Nevada.

PREDATOR PROBLEMS WHEN USING SHEEP AND GOATS IN MANAGING BRUSH ON RANGELANDS. *Dr. James E. Bowns*, Professor of Range Ecology, School of Science, Southern Utah State College, Cedar City, Utah.

- 5:00 pm

5:30 - 7:30 pm

No Host Social Hour

WEDNESDAY, FEBRUARY 25

Topics: International Solutions to Vertebrate  
Pests, Field Rodent Control

8:30 am -

DEVELOPMENT AND EVALUATION OF METHODS TO REDUCE DAMAGE BY RATS TO COCONUTS IN THE PHILIPPINES. *Dr. Michael W. Fall*, Acting Chief, U.S. Fish and Wildlife Service, Denver Wildlife Research Center, Denver, Colorado.

TRADITIONAL APPROACHES FOR PROTECTING CEREAL CROPS FROM BIRDS IN DEVELOPING COUNTRIES. *Phillippe Ruelle*, FAO Bird Control Specialist, Dakar, Senegal, West Africa.

SOLVING TREE SQUIRREL DEBARKING PROBLEMS IN TAIWAN. *Dr. Pao-Chang Kuo*, Professor of Forestry, Department of Forestry, Taipei, Taiwan, Republic of China.

COMPENSATION FOR VERTEBRATE PEST LOSSES. *Joe B. Gurba*, Head, Crop Protection and Pest Control Branch, Alberta Agriculture, Edmonton, Alberta, Canada.

PULSED BAITING--A NEW TECHNIQUE FOR USING HIGH POTENCY, SLOW-ACTING RODENTICIDES. *Dr. Adrian C. Dubock*, Manager, Vertebrate Pesticides, ICI, Fernhurst, Haslemere, Surrey, England.

BAIT REJECTION MAY INVOLVE AN EVOLUTIONARY PROCESS. *A. (Tony) J. Oliver*, Research Officer-In Charge, Agriculture Protection Board of Western Australia, Forrestfield, Australia.

11:50 - 1:15

LUNCH (on your own)

1:15

CALIFORNIA REGISTRATION PROCEDURE (OF VERTEBRATE PESTICIDES) AND HOW IT RELATES TO FEDERAL REGISTRATION. *Paul E. Livingston*, Program Supervisor, Pesticide Registration and Agriculture Productivity, California Department of Food and Agriculture, Sacramento, California.

RODENT PROBLEMS RELATIVE TO MECHANICAL HARVESTING. *A. Charles Crabb*, Assistant Professor, Department of Crop Science, California Polytechnic State University, San Luis Obispo, California.

PINE VOLES IN NORTH CAROLINA APPLE ORCHARDS. *Dr. Don W. Hayne*, Professor Emeritus, Statistics and Zoology, Institute of Statistics, North Carolina State University, Raleigh, North Carolina.

GREEN CHOPPED BAIT FOR THE CONTROL OF BELDING GROUND SQUIRRELS. *Kenneth W. Wright*, Agricultural Commissioner, Modoc County Department of Agriculture, Alturas, California.

CURRENT IMPROVEMENTS IN BAITING PINE AND MEADOW VOLES. *Dr. Ross E. Byers*, Associate Professor of Horticulture, Winchester Fruit Research Laboratory, College of Agriculture and Life Science, Virginia Polytechnic Institute and State University, Winchester, Virginia.

ALUMINUM PHOSPHIDE (PHOSTOXIN®) AS A BURROW FUMIGANT FOR GROUND SQUIRRELS. *Dr. Terrell P. Salmon*, Extension Wildlife Specialist, Wildlife Extension, University of California, Davis, California.

AN IPM APPROACH TO RODENT CONTROL ON MIDWESTERN FARMS. *Dr. Robert M. Timm*, Extension Vertebrate Pest Specialist, Cooperative Extension Service, Department of Forestry, Fisheries and Wildlife, University of Nebraska, Lincoln, Nebraska.

PRIMARY AND SECONDARY HAZARDS OF ANTICOAGULANT RODENTICIDES. *Dale E. Kaukeinen*, Technical Representative, ICI Americas Inc., Biological Research Center, Goldsboro, North Carolina.

- 4:55

THURSDAY, FEBRUARY 26

Topics: Bird Control, Basic and Applied  
Research Progress in Vertebrate Pest Control

8:35 am

REDUCING STARLING-RELATED FEED LOSSES THROUGH CHANGES IN FEEDLOT MANAGEMENT PRACTICES. *Daniel J. Twedt*, Biological Technician, Kentucky Research Station, U.S. Fish and Wildlife Service, Bowling Green, Kentucky.

FURTHER ADVANCES IN URBAN BLACKBIRD ROOST MANAGEMENT. *Sally S. Erdman*, Urban Bird Roost Control Consultant, Denton, Texas.

RAPTOR-MIMICKING KITES FOR FRIGHTENING BIRDS FROM AGRICULTURAL CROPS. *Roger L. Hothem*, Wildlife Biologist, Dixon Field Research Center, U.S. Fish and Wildlife Service, Dixon, California.

SWALLOW MANAGEMENT AROUND STRUCTURES. *W. Paul Gorenzel*, Staff Research Associate, Wildlife Extension, University of California, Davis, California.

BIRD PROBLEMS AND THEIR SOLUTIONS IN GREAT BRITAIN. *Dr. Ernest Wright*, Researcher, Ministry of Agriculture, Fisheries and Food, Worpleson Laboratory, Worplesdon, Guildford, Surrey, England.

PIGEON DAMAGE CONTROL: AN INTEGRATED APPROACH. *Colleen Martin*,  
Biologist, BlueBird Enterprises, Fresno California.

ASSESSMENT, MANAGEMENT AND UNDERSTANDING OF BLACKBIRD-AGRICULTURE  
INTERACTIONS IN EASTERN CANADA. *Dr. Patrick J. Weatherhead*,  
Assistant Professor, Department of Biology, Carleton University,  
Ottawa, Canada.

MOVEMENT AND DISPERSAL OF THE CALIFORNIA GROUND SQUIRREL. *Dennis  
Stroud*, Graduate Student, Wildlife and Fisheries Biology, University  
of California, Davis, California.

11:50 - 1:15

LUNCH (on your own)

1:15 pm

STRYCHNINE RESIDUE STUDIES AND THEIR IMPLICATIONS IN RODENT CONTROL.  
*Dr. Harry G. Smith*, Head, Entomology Section, Division of Biochemistry,  
Cooperative Extension Service, University of Nevada, Reno, Nevada.

RODENT REPELLENTS FOR PLANTED GRAIN. *Dr. Ronald J. Johnson*, Extension  
Wildlife Specialist, Cooperative Extension Service, Department of  
Forestry, Fisheries and Wildlife, University of Nebraska, Lincoln,  
Nebraska.

COMPARISON OF SELECTED TOXICANTS FOR POCKET GOPHER CONTROL. *John L.  
Stair*, Extension Specialist-Wildlife and Range, Cooperative Extension  
Service, University of Arizona, Phoenix, Arizona.

3:30 pm

CONFERENCE CLOSING REMARKS (Chairperson-elect). *Dell O. Clark*,  
Program Supervisor, Pest Detection, California Department of Food and  
Agriculture, Sacramento, California.

\* \* \* \* \*

Three workshops will be held in conjunction with the conference. They are designed to  
provide practical and fundamental control or management information aimed at the needs  
of those who are directly involved in resolving vertebrate pest problems.

## WORKSHOPS

<u>Date (time)</u>	<u>Title</u>
February 23 (1:30-5:00 pm)	Fundamentals of commensal rodent control.
February 24 (9:00 am-12 n)	The basics of field rodent control.
February 24 (7:30-10:30 pm)	Solutions to California agricultural bird problems.

\* \* \* \* \*

The Fourth ASTM Symposium on Test Methods for Vertebrate Pest Control and Management  
Materials, sponsored by the American Society for Testing and Materials and the Tenth  
Vertebrate Pest Conference, will be held February 26 (9:00 am-5:00 pm) under the leader-  
ship of Chairperson Dale Kaukeinen.



*My wife liked Scotland. It was the first time I stopped chasing everything in a skirt.*

YE ED - William D. Fitzwater

Sorry this issue is so late (October 17) and so brief but we just returned from a disappointing road Show in Washington/Oregon and are leaving before the end of the month for a hopefully better second half in California.

The Great Plains ADC Workshop in Lincoln, Nebraska, last week was an excellent one in organization, quality of papers (well most of them. YE ED gave a paper on sparrow control but most of the others were good.), and facilities. Drs. Johnson and Timm are to complimented on the smoothness with which this was run off. I will advise you on how to get copies of the PROCEEDINGS when they are available. It is a great lift to the morale to find yourself surrounded by people with similar beliefs in ADC. We need this once in a while before we go back on the firing line.

There is bad news - - RD Bill Nelson got run over by his own vehicle while out deer hunting when he was fiddling under the hood trying to get the motor going after it died. At last reports, the car ran over his ankle and wrenched his knee. He was going into surgery while this was written. Fred Carpenter, retired DFA from New Mexico who lives in California, was flown back here for heart by-pass surgery. The operation was successful and he is headed back home to catch many more \$75 coyotes we hope:

One gripe - - Whilewe (got a frog in my pocket) hear from many sources that the PROBE gets wide circulation (including Andrus one time at least) among field personnel, we are disappointed that those others who read it aren't interested enough in the future of ADC to contribute to the cause. I like not having to print up and mail so many copies but we have to have more numbers and money if we are ever to do some real good. As anyone who signs up now is paid up for 1982 get the free-loaders to shake the moths out of their wallets and put their money where their mouth is. [As usual these uncouth but direct remarks are the sole property of YE ED and may not reflect the official position of the Board]. We'll send a supply of registration cards to anyone who wants a supply. However, all we really need is name, address, occupation, and money.

**National  
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