

COMMERCIAL EXHIBITORS

The Vertebrate Pest Council is pleased to have the following commercial and other exhibitors attend and participate:

Advanced Telemetry Systems, Inc., 470 First Ave, Box 398 Isanti, MN 55040

Avitrol Corporation, 7644 East 46th St., Tulsa, OK 74103

Bell Laboratories, Inc., 3699 Kinsman Blvd., Madison, WI 53704

Critter Control, 640 Starkweather, Plymouth, MI 48170

CSIRO Publishing, 150 Oxford St., PO Box 1139, Collingwood, VIC 3066 Australia

Innotech Communications, Bloomington, IL

Landcare Research NZ LTD Pest Control & Wildlife Toxicology, PO Box 69, Lincoln 8152, New Zealand

J.T. Eaton & Co., Inc., 1393 E. Highland Rd., Twinsburg, OH 44087

PestCon Systems, PO Box 28188, Spokane, WA 99228

Rodenator Meyer Industries, Box 39, Midvale, ID 83645

RejeX-it, (see Jeff Ling)

Tomahawk Live Traps, PO Box 323, Tomahawk, WI 54487

Urban Wildlife Management, PO Box 90, Burlingame, CA 94011



22nd VERTEBRATE PEST CONFERENCE

March 6-9, 2006

**Berkeley Marina
Doubletree Hotel
Berkeley, California, USA**



FINAL PROGRAM

Sponsor:
The Vertebrate Pest Council

Conference Chair:
John O'Brien

Program Chair:
Terrell P. Salmon

Website:
www.vpconference.org



22nd VERTEBRATE PEST CONFERENCE

Berkeley Marina Doubletree Hotel
Berkeley, California, USA
March 6-9, 2006

CONFERENCE EXECUTIVE COMMITTEE

Conference Chair: John O'Brien
Nevada Department of Agriculture;
350 Capitol Hill, Reno, NV 89502

Program Chair: Terrell P. Salmon
UC Cooperative Extension – San Diego County
5555 Overland Ave., Suite 4101; San Diego, CA 92123

Past Chairperson (2004): W. Paul Gorenzel
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Business Manager: Terrell P. Salmon

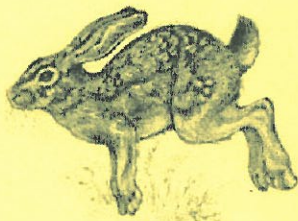
Editor: Robert Timm
University of California – ANR
Hopland Research & Extension Center
4070 University Road, Hopland, CA 95449-9718

Comments Encouraged

We have worked over the years to keep this educational Conference the best of its kind. We welcome your comments (good and bad) concerning it. We are always looking for potential Conference speakers and would appreciate your suggestions for possible speakers or program topics. Contact John O'Brien, (email: jobrien@govmail.state.nv.us).

Conference Proceedings

A copy of the *Proceedings* of the Twenty-Second Vertebrate Pest Conference is included in the registration fee of those who registered for the entire Conference, and it will be mailed to you upon its publication, anticipated 8 - 10 months following the Conference. Some copies of past *Proceedings* also are available. For ordering current or past *Proceedings*, write to the Vertebrate Pest Conference, c/o Terrell P. Salmon, UCCE San Diego County, 5555 Overland Ave., Suite 4101; or visit our web site: <http://www.vpconference.org>.



CONFERENCE COMMITTEES

CONFERENCE CHAIR:

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PROGRAM CHAIR:

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OPTIONAL FIELD TRIP

Monday - March 6

FIELD TRIP CHAIRPERSON:

Brian Finlayson, California Department of Fish and Game
Phone: 916-358-2950; Email: bfinlayson@ospr.dfg.ca.gov

The Conference begins with an optional all-day field trip on Monday, March 6. This field trip will explore vertebrate pest problems in the San Francisco National Wildlife Area as well as at the Naval Air Station (NAS) - Alameda. At the San Francisco NWA, presentations and demonstrations will focus on vertebrate pest issues associated with protecting the listed species nesting and utilizing the refuge. Arriving at NAS - Alameda after lunch, Wildlife Services staff and US Fish & Wildlife Service staff will provide presentations about the area. Participants will view and learn about the major vertebrate pest problems in the region. Buses will depart from the Doubletree Hotel at 8:00 am and will return by approximately 5:00 pm.

CONTINUING EDUCATION

Continuing education or professional development credits is available to those who participate in this program.

(Please check the registration desk for CE credits information)



22nd Vertebrate Pest Conference Overview

Tuesday - March 7

9:00 AM	Registration opens (<i>Lobby</i>)	
9:00 AM	Welcome and Opening Remarks John O'Brien, Conference Chair, Nevada Department of Agriculture (<i>Islands Ballroom</i>)	
9:10 AM	Managing Charismatic Mega Fauna (<i>Islands Ballroom</i>)	
12:00 PM	Lunch (<i>on your own</i>)	
1:15 PM	Session 1A & 2A Predator Management (<i>Angel/Belvedere</i>)	Session 1B Large Scale Control Programs (<i>Treasure/Yorba</i>) Session 2B Bird Management (<i>Treasure/Yorba</i>)
5:30 PM		

Wednesday - March 8

7:00 AM	Registration opens (<i>Lobby</i>)	
8:15 AM	Session 3A Advances in Fertility Control (<i>Angel/Belvedere</i>)	Session 3B Pesticides and Chemicals (<i>Treasure/Yorba</i>)
12:00 PM	Lunch (<i>on your own</i>)	
1:15 PM	Session 4A Advances in Fertility Control (<i>Angel/Belvedere</i>)	Session 4B Small Mammals (<i>Treasure/Yorba</i>)
3:40 PM	Session 5A Feral Hogs (<i>Angel/Belvedere</i>)	Session 5B Trapping Techniques (<i>Treasure/Yorba</i>)
5:00 PM		

Thursday - March 9

8:15 AM	Session 6A Birds (<i>Yerba Buena</i>) Session 7A Technology Exposition (<i>Yerba Buena</i>)	Session 6B Small Mammals (<i>Treasure</i>) Session 7B Rodent Pests (<i>Treasure</i>)	Session 6C Wildlife Diseases & Human Health (<i>Angel/Belvedere</i>)
12:00 PM	Lunch (<i>on your own</i>)		
1:15 PM	Session 8A Current Issues (<i>Yerba Buena</i>)		Session 6C (Cont.) Wildlife Diseases & Human Health (<i>Angel/Belvedere</i>)
4:10 PM	Closing Remarks		Closing Remarks
5:00 PM			

PROGRAM

9:00 am Welcome & Opening Remarks

John O'Brien, *Conference Chair, Nevada Department of Agriculture, Reno, NV*

SPECIAL SYMPOSIUM: Managing Charismatic Megafauna

9:10 *Session Chair: John O'Brien, Conference Chair, Nevada Department of Agriculture, Reno, NV*

9:15 Management of Wolf/Livestock Conflict in the Northwestern United States

Edward E. Bangs, *U.S. Fish and Wildlife Service, Helena, MT*

9:45 Managing an Overabundant Koala Population for Conservation Ecosystems on Kangaroo Island, South Australia

Desley Whisson, *Wildlife Management Officer, Dept. Environment & Heritage, Kingscote, South Australia*

10:15 Koalas and Kangaroos: Managing Australia's Charismatic Icons on the World's Stage

Cathy Herbert, *University of NSW, Sydney, Australia*

10:45 **BREAK**

11:00 Managing Human- Elephants Conflict- Lessons Learned

Leo Niskanen, *IUCN/SSC African Elephant Specialist Group, Nairobi, Kenya*

11:30 Experimental Field Tests of Non-Lethal Control Tools for Reducing Wolf-Human Conflict

Thomas M. Gehring, *Dept. of Biology, Central Michigan University, Mount Pleasant, MI*

12:00 Lunch (on your own)



Concurrent Session 1A: Predator Management

1:15 pm *Session Chair: Craig Coolahan, USDA APHIS Wildlife Services, Sacramento, CA*

1:20 Black Vulture Use of Livestock Farms in Southwestern Virginia Following Roost Dispersal

Michael L. Avery, *USDA APHIS National Wildlife Research Center, Florida Field Station, Gainesville, FL*

1:45 Using the CLOD to Deliver Pentachlorobenzene to Coyotes (*Canis latrans*)

Are Berentsen, *Forest, Range and Wildlife Sciences, Utah University, Logan, UT*

2:10 Evaluations of Lure Attractants and Bait Matrices for Brown Treesnakes

Peter J. Savarie, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*

2:35 Vulture-Cattle Interactions - A Survey of Florida Farmers

Michael P. Milleson, *USDA APHIS National Wildlife Research Center, Florida Field, Station, Gainesville, FL*

3:00 **BREAK**

Concurrent Session 2A: Predator Management

3:20 The Impact of Sheep Predators in Australia and New Control Methods Under Development

Steven Lapidge, *Invasive Animals Cooperative Research Centre, Adelaide, Australia*

3:45 Coyotes and Humans: Can We Coexist?

Camilla H. Fox, *Animal Protection Institute, Sacramento, CA*

4:10 Wildlife Damage Management Protection Efforts on a Mule Deer Population in Eastern Nevada: 2003 thru 2005

Zack L. Bowers, *USDA APHIS Wildlife Services, West District, NV*

4:35 Wildlife Damage Management Protection Efforts for a Vulnerable Pronghorn Antelope Population in Northwestern Nevada: 2000 through 2004

Jack O. Spencer Jr., *USDA APHIS Wildlife Services, West District, NV*

Concurrent Session 1B: Large Scale Control Programs

- 1:15 pm** *Session Chair: Desley Whisson, Wildlife Management Officer, Dept. Environment & Heritage, Kingscote, South Australia*
- 1:20** **Designing and Implementing Inter-City Agency Approaches for Norway Rat IPM in New York City**
Robert M. Corrigan, *RMC Pest Management Consulting, LLC, Richmond, IN*
- 1:45** **Harnessing Community Opportunities to Achieve Large Scale Possum Control in Rural New Zealand**
Peter Russell, *Waikato Regional Council, Hamilton East, New Zealand*
- 2:10** **The Invasive Animals Cooperative Research Centre: An Australian Initiative of Relevance to North American Vertebrate Pest Management**
A.J. Peacock, *Invasive Animals CRC, Canberra, Australia*
- 2:35** **Benefits and Costs Associated with Wildlife Services Activities in California**
Stephanie Shwiff, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 3:00** **BREAK**

Concurrent Session 2B: Bird Management

- 3:15 pm** *Session Chair: Paul Gorenzel, Wildlife, Fish & Conservation Biology, UC Davis, CA*
- 3:20** **An Integrated Management Approach for Nesting Osprey to Protect Human Safety and Aircraft Damage at Langley AFB, Virginia**
Thomas J. Olexa, *USDA APHIS Wildlife Services, Langley AFB, VA*
- 3:45** **Movement Ecology and Mortality of Ring-Necked Pheasants in Northern California Crops**
Craig A. Ramey, *USDA APHIS Wildlife Services, Fort Collins, CO*
- 4:10** **Predation of Artificial Nests by Mammalian Predators: An Index of Predation on Nests of the Threatened Endemic Kereru (New Zealand Pigeon)**
Te Ari Prendergast, *Lincoln University, Canterbury, New Zealand*
- 4:35** **A New Wrinkle on an Old Method: Successful Use of Scarecrows as a Non-Lethal Method to Prevent Bird Damage to Field Crops**
Simon C. Nemtsov, *Israel Nature and Parks Authority, Jerusalem, Israel*
- 5:00** **Using Fatty Acid Profiles as a Possible Means of Distinguishing Between Selected Game Fish and Farm-Raised Channel Catfish**
Randal S. Stahl, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*

SPECIAL SYMPOSIUM: Advances in Fertility Control**Concurrent Session 3A:**

- 8:15am** *Session Chair: Kathleen A. Fagerstone, USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 8:20** **When, Where, and for What Wildlife Species Will Contraception be a Useful Management Approach?**
Kathleen A. Fagerstone, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 8:45** **Avian Contraceptive Tools: One Size Does Not Fit All**
Christi A. Yoder, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 9:10** **Contraceptive Effect of a Recombinant GnRH vaccine in Adult Female Pigs**
Lowell A. Miller, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 9:35** **Potential Applications of Emerging Fertility Control Technologies in the UK**
Dave Cowan, *Central Science Laboratory, Sand Hutton, York, UK*
- 10:00** **BREAK**
- 10:20** **Fertility Control for Wildlife Management – the Brushtail Possum in New Zealand**
Phil Cowan, *Landcare Research, Palmerston North, New Zealand*
- 10:45** **Immunocontraception of Small Mammals Case Study for the Wild House Mouse in Australia**
Lyn A Hinds, *CSIRO Entomology, Canberra, Australia*
- 11:10** **Field Test of GonaCon™ Immunocontraceptive Vaccine in Free-ranging White-Tailed Deer**
James P. Gionfriddo, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 11:35** **PZP Immunocontraception in Coyotes: A Multi-Year Study with Three Vaccine Formulations**
Lowell A. Miller, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 12:00** **Lunch (on your own)**



Concurrent Session 3B: Pesticides and Chemicals

- 8:15am** *Session Chair: Duane Schnabel, California Dept of Food and Agriculture, Sacramento, CA*
- 8:20** **Human Health Hazards from Broadcast Application of 0.005% Diphacinone Rodenticide Baits in Native Hawaiian Ecosystems**
John D. Eisemann, *USDA-APHIS Wildlife Services, National Wildlife Research Ctr., Fort Collins, CO*
- 8:45** **Ecological Hazards from Broadcast Application of 0.005% Diphacinone Rodenticide Baits in Native Hawaiian Ecosystems**
Catherine E. Swift, *US Fish and Wildlife Service, Honolulu, HI*
- 9:10** **Probabilistic Model to Estimate Target/Non-target Mortality and to Optimize Formulation and Baiting Strategies for the Pesticide CPTH (3-chloro-4-ethylaniline hydrochloride)**
John J. Johnston, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 9:35** **Long-Term Impacts on Non-Target Vertebrates Following a Cholecalciferol Application to Control Pocket Gophers**
Suzie Rizor, *USDA APHIS National Wildlife Research Center Field Station, Olympia WA*
- 10:00** **BREAK**
- 10:20** **Reflections on Improvements in the Use of Vertebrate Pesticides 1996-2006**
Charles Eason, *Landcare Research, Auckland, NZ*
- 10:45** **The Effect of Time on the Recovery of DRC-1339 Residues from Tissues Collected from Decomposing Mourning Dove Carcasses**
Randal S. Stahl, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 11:10** **Blood Coagulation Response Tests for Determining Anticoagulant Resistance in Meadow Vole Populations**
Stephanie Lawrence, *Wildlife, Fish & Conservation Biology, UC Davis, Davis, CA*
- 11:35** **Diphacinone in Feral Pigs (*Sus scrofa*): Sublethal Exposure and the Persistence of Residues in Tissues**
Penny M. Fisher, *Landcare Research, Lincoln, New Zealand*
- 12:00** **LUNCH (on your own)**

SPECIAL SYMPOSIUM: Advances in Fertility Control**Concurrent Session 4A:**

- 1:15 pm** *Session Chair: David James, Alameda County Vector Control District, CA*
- 1:20** **Wildlife Contraceptives: A Regulatory Hot Potato**
John D. Eisemann, *USDA-APHIS Wildlife Services, National Wildlife Research Ctr., Fort Collins, CO*
- 1:45** **GnRH Single Injection Immunocontraception of Black-tailed Deer**
Kelly Perry, *USDA APHIS National Wildlife Research Center Field Station, Olympia, WA*
- 2:10** **Long-term Efficacy of Three Contraceptive Approaches for Population Control of Wild Horses**
Gary Killian, *Almquist Research Center, Penn State University, University Park, PA*
- 2:35** **Development of Nicarbazin Bait for Management of Feral Pigeon Populations**
Michael L. Avery, *USDA APHIS, National Wildlife Research Center Field Station, Gainesville, FL*
- 3:00** **Contraception in Captive Animal Management**
Cheryl Asa, *AZA Wildlife Contraception Center, St. Louis Zoo, St. Louis, MO*
- 3:20** **BREAK**
- Concurrent Session 5A: Feral Hogs**
- 3:40 pm** *Session Chair: Robert Timm, University of California, ANR*
- 3:45** **The Benefits of Aerial Hunting for Feral Hog Management in Southeast Texas Pasture and Range Lands**
Doug Steen, *USDA APHIS Wildlife Services, College Station, TX*
- 4:10** **Developing and Implementing Feral Hog Management Procedures on an Urban Nature Center**
Robert Denkhaus, *Fort Worth Nature Center and Refuge, Fort Worth, TX*
- 4:35** **Trapping Success of Feral Hogs Dependent on Weather Conditions?**
A. Christy Wyckoff, *Caesar Kleberg Wildlife Research Institute, Texas A&M University, Kingsville, TX*

Concurrent Session 4B: Small Mammals

1:15 pm Session Chair: **Charles Crabb**, *California State University, Chico, CA*

1:20 **Novel Visual Lures for the Management of Nocturnal Mammalian Pests**

Shaun Ogilvie, *Lincoln University, Canterbury, New Zealand*

1:45 **Designing a Rat Eradication Program for the Tropics – The Palmyra Atoll Experience**

Gregg R. Howald, *Island Conservation, UC Santa Cruz, CA*

2:10 **An Investigation of Animal Use of Black-Tailed Prairie Dog Burrows**

Gary Witmer, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*

2:35 **Cost-effective Strategies for the Sustained Control of Bait-Shy Vertebrate Pests in New Zealand**

J. G. Ross, *Landsdowne Ventures Ltd, Christchurch, New Zealand*

3:00 **BREAK**

Concurrent Session 5B: Trapping Techniques

3:15 pm Session Chair: **Robert Schmidt**, *Utah State University, Logan, UT*

3:20 **Reno "Live Trap" Loaning Program**

Jonathan La Combe, *USDA APHIS Wildlife Services, Reno, NV*

3:45 **Nuisance Wildlife Control Trapping: Another Perspective**

Brad Gates, *AAA Wildlife Control, Scarborough, ON, Canada*

4:10 **The Bailey Beaver Trap: Modifications and Sets to Improve Capture Rate**

Stephen Vantassel, *School of Natural Resources, University of Nebraska-Lincoln, NE*

4:35 **Genotyping Possum Fecal Pellets and Ear Tissue to Identify Bias in Trap Catch Monitoring**

David R. Morgan, *Landcare Research, Lincoln, New Zealand*

Concurrent Session 6A: Birds

8:15 am Session Chair: **Gary Witmer**, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*

8:20 **Efficacy of Chicken Egg Baits Treated with DRC-1339 to Remove Common Ravens**

Peter Coates, *Idaho State University, Pocatello, ID*

8:45 **Bird Hazing at Oil Spills in California**

Paul Gorenzel, *Wildlife, Fish & Conservation Biology, UC Davis, Davis, CA*

9:10 **Evaluation of the ChromaFlair Crow Buster as a Starling Repellent***

Thomas W. Seamans, *USDA APHIS National Wildlife Research Center Field Station, Sandusky, OH*

* David A. Helon, presenter

9:35 **Evaluation of Bird Response to Propane Exploders in an Airport Environment**

Brian E. Washburn, *USDA APHIS National Wildlife Research Center Field Station, Sandusky, OH*

10:00 **BREAK**

Concurrent Session 7A: Technology Exposition

10:15 Session Chair: **Jack O. Spencer Jr.**, *USDA APHIS Wildlife Services, West District, NV*

10:20 **Locating Bird Roosts with Doppler Radar**

Ronald P. Larkin, *Illinois Natural History Survey, Champaign, IL*

10:45 **The Electronic Calling System Effectiveness for Capturing a Wide Variety of Offending Wildlife Species in Nevada: 2002 thru 2005**

Ben A. Miller, *USDA APHIS Wildlife Services, West District, Reno, NV*

11:10 **Use of Infrared Technology in Wildlife Surveys**

Bradley F. Blackwell, *USDA APHIS National Wildlife Research Center Field Station, Sandusky, OH*

11:35 **Development of a String Tracking System for Tranquilizer Dart Guns**

George R. Gallagher, *Department of Animal Science, Berry College, Mount Berry, GA*

12:00 **Lunch (on your own)**

Concurrent Session 6B: Small Mammals

8:15 am *Session Chair: Rex Marsh, University of California, Davis, CA*

- 8:20 **Zinc Phosphide Treated Bracts as an Alternative Rodenticide in Artichoke Fields**
Terrell Salmon, *UCCE Farm and Home Advisor's Office, San Diego, CA*
- 8:45 **Characterizing and Averting Cottontail Rabbit Damage in a Southern California Nursery**
Tracy Ellis, *UCCE, Farm and Home Advisor's Office, San Diego, CA*
- 9:10 **Boomer or Bust: Managing a Pacific Northwest Pest Species**
Wendy M. Arjo, *USDA APHIS National Wildlife Research Center Field Station, Olympia, WA*
- 9:35 **What's Up with House Mice? – A Review**
Gary Witmer, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 10:00 **BREAK**

Concurrent Session 7B: Rodent Pests

- 10:15 *Session Chair: Robert Schmidt, Utah State University, Logan, UT*
- 10:20 **Grower Evaluation of California Ground Squirrel (*Spermophilus beecheyi*) Control using Anticoagulants baits**
Victor J. Kowalski, *UCCE, Farm and Home Advisor's Office, San Diego, CA*
- 10:45 **Initial Evaluation of Valve Boxes as Underground Bait Stations for California Ground Squirrels**
Tracy Ellis, *UCCE, Farm and Home Advisor's Office, San Diego, CA*
- 11:10 **Efficacy of Strychnine and Zinc Phosphide Cabbage Baits in Controlling Richardson and Piute Ground Squirrels in Diamond Valley, Nevada***
John Balliette, *JBR Environmental Consultants, Inc., Elko, NV*
* John O'Brien, presenter
- 11:35 **The Effects of Invasive Nutria (*Myocastor coypus*) on the Vegetation of the Pacific Northwest**
Andrew Meyer, *University of Colorado, Boulder, CO*
- 12:00 **Lunch (on your own)**

SPECIAL SYMPOSIUM: Wildlife Diseases and Human Health**Concurrent Session 6C**

- 8:15 am *Session Chair: Minoo Madon, Greater Los Angeles Vector Control District, Santa Fe Springs, CA*
- 8:20 **Biological Risk Management for the Interface of Wildlife, Domestic Animals, and Humans**
John R. Fischer, *Southeast Cooperative Wildlife Disease Study, Univ. of Georgia, Athens, GA*
- 8:45 **Wildlife Services' National Disease Surveillance Program**
Robert Beach, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 9:10 **West Nile Virus in North American Wildlife**
Robert G. McLean, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 9:35 **Economic Modeling of Oral Rabies Vaccination: Issues and Concepts**
Ray T. Sterner, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 10:00 **BREAK**
- 10:20 **Effects of Age and Bodyweight on the Marking Efficiency of Tetracycline in Rabies Vaccine Baits**
John J. Johnston, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 10:45 **Human Granulocytic Anaplasmosis (HGA) – Current Status**
Janet E. Foley, *Center for Vector Borne Diseases, UC Davis, Davis, CA*
- 11:10 **Terrestrial Rabies Surveillance on Cape Cod: A Community-Based Multi-Agency Strategy to Provide Critical Information for Rabies Control**
Brian Bjorklund, *USDA APHIS Wildlife Services, West Boylston, MA*
- 11:35 **A Preliminary Field Trial of Bait Stations for the Delivery of Oral Rabies Vaccine: Can Varying Diameter Exclude Non-Target Species?**
Amanda Manzo, *Northern Arizona University, Flagstaff, AZ*
- 12:00 **Lunch (on your own)**

SPECIAL SYMPOSIUM: Wildlife Diseases and Human Health**Concurrent Session 6C-cont.**

- 1:15 pm Session Chair:** Bob Lane, *University of California, Berkeley, CA*
- 1:20 Surveillance of Vector-Borne Disease in California**
Anne Kjemtrup, *California Dept of Health Services, Sacramento, CA*
- 1:45 Current Status and Occurrence of West Nile Virus in California**
Vicki L. Kramer, *California Dept. of Health Services, Sacramento, CA*
- 2:10 Rodent-Reservoired Hantavirus as a Public Health Concern**
Curtis L. Fritz, *California Dept. of Health Services, Sacramento, CA*
- 2:35 Potential Risks to Wildlife, Poultry, and Humans from Avian Influenza**
Ben Sun, *California Dept. of Health Services, Sacramento, CA*
- 3:00 BREAK**
- 3:20 Wildlife Diseases, the Salton Sea, and Politics: A Toxic Situation**
Douglas A. Barnum, *USGS Salton Sea Office, La Quinta, CA*
- 3:45 Recent Incidence and Ecology of Lyme Disease in Northern California**
Robert S. Lane, *Environmental Science, Policy & Management, UC Berkeley, CA*
- 4:10 Urban wild dogs (*Canis lupus dingo*, *C. l. domesticus* and their hybrids) and human hydatid disease (*Echinococcus granulosus*) in Australia**
Benjamin L. Allen, *School of Animal Studies, The University of Queensland, Australia*
- 4:35 Chronic Wasting Disease in North America: Overview and Update.**
Michael Samuel, *Wisconsin Cooperative Wildlife Research Unit, Madison, WI*
- 5:00 Closing Remarks:**
Minoo B. Madon, *Greater Los Angeles Vector Control District, Santa Fe Springs, CA*

Concurrent Session 8A: Current Issues

- 1:15 pm Session Chair:** Scott Hygnstrom, *School of Natural Resources, University of Nebraska, Lincoln, NE*
- 1:20 Changes in Taxonomic Nomenclature and Conservation Status of Ground Squirrel Species: Implications for Pesticide Labeling and Use of Zinc Phosphide Pesticide Products**
Jeanette R. O'Hare, *USDA APHIS National Wildlife Research Center, Fort Collins, CO*
- 1:45 The Ethics of 'Pest-Control' in Humanized Landscapes**
John Hadidian, *The Humane Society of the United States, Washington DC*
- 2:10 Managing the Small Indian mongoose (*Herpestes javanicus*) in the Midst of Human Recreation: What is the Optimal Approach?**
Jesse Quinn, *UC Davis, Davis, CA*
- 2:35 The New Internet Center for Wildlife Damage Management,**
<http://icwdm.org>
Stephen Vantassel and Scott Hygnstrom, *School of Natural Resources, University of Nebraska, Lincoln, NE*
- 3:00 BREAK**
- 3:20 Solving Beaver Flooding Problems Through the Use of Water Flow Control Devices**
Laura J. Simon, *The Humane Society of the United States, New Haven, CT*
- 3:45 Overview of Vertebrate Pests of India**
Shakunthala Sridhara, *AINP on Rodent Control, University of Agricultural Sciences, GKVK, Bangalore, India*
- 4:10 Closing Remarks:** Minoo Madon, *Greater Los Angeles Vector Control District, Santa Fe Springs, CA*



Notes

VERTEBRATE PEST COUNCIL

Executive Committee

John O'Brien, *Nevada Department of Agriculture*
Terrell P. Salmon, *University of California*
Robert M. Timm, *University of California*
W. Paul Gorenzel, *University of California*
Minoo Madon, *Greater Los Angeles County Vector Control District*

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