

SUPPLEMENT TO THE JOURNAL OF WILDLIFE DISEASES

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Wildlife Diseases Newsletter

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President's Corner

The WDA Needs You! As of this past January, membership of the WDA was ahead and increasing! That's always good news. This is especially true now when we hear that other scientific organizations roughly the same size as the WDA are losing members. It's hard to say exactly why. Certainly open access to journals is a factor however, membership reductions were happening before easier access to journals. Moreover, even within the WDA, most members do not use online access to the JWD, preferring the hard copy. So how can we keep our new members and encourage more to join? Certainly the collective interest in a subject area is a factor. Reaching out to scientists of other nations by the WDA during the last several years has certainly expanded our membership and continues to do so. Look at the terrific efforts the Wildlife Conservation Society Field Veterinary Program has extended to provide memberships in the WDA to scientists in developing countries. Or the great efforts extended by the Sections to recruit new members. The annual meeting organizers have invited experts outside our area of interest in order to expand our horizons. Sort of stretch the mind a bit. We work hard to establish long lasting friendships that transcend careers. We really like to have fun. These reasons and many more are all good reasons for joining and staying in the WDA.

Recruiting new members is something akin to asking for money. It's not always easy to do. Most of us are lousy at it. But new members are important. We need new bright scientists to take us forward into the future. I know it sounds a little corny but it is true. Most importantly we need to assure that we maintain that rich mixture of biologists and veterinarians in order to benefit from the combined perspectives that are so crucial to really figuring out what is going on. Dominance either way impedes the growth of our knowledge about wildlife diseases. We must be able to understand the dynamics of wildlife populations from an ecological perspective as much as we need to understand mechanisms of pathogenicity. Indeed, the WDA focuses on the biology of diseases and how it alters populations of wild animals.

The veterinary schools do a great job getting the word out to students about wildlife diseases. Certainly the student chapters at various schools play an important role in this regard and I encourage them to do more. I would like to see more student chapters and student participation in zoology and biology departments as well. Those of us who are not veterinarians need to recruit students from the biological fields and turn them on to wildlife diseases. Once we get them to a meeting we need to take the little extra time to make sure they meet lots of people. Our Student Activities Committee works very hard each year to showcase students. But we established members can do more. I ask that, this summer, when you are arriving in Connecticut, think back to your first meeting. Remember how you did not know anyone or at least very few people. Remember how friendly people were at your first meeting. Well now it's our turn. Please take the time to meet people, especially students. Talk with them about their interests. Ask them to join conversations you are having with colleagues. Give them some great reasons to consider coming back next year and the years after. No doubt the Journal and

other services are value added for our members. But we get people to stay when we make them a part of us. If they feel welcome they will come back!

-Scott D. Wright, President

WDA NEWS

The 55th Annual Meeting of the Wildlife Disease Association. August 6-11, 2006. The 55th Annual Meeting of the Wildlife Disease Association in conjunction with the American Association of Wildlife Veterinarians will be held on 6-10 Aug 2006 on the main campus of the University of Connecticut in Storrs, Connecticut, USA. With news headlines that make avian influenza, SARS, Ebola, and West Nile virus household words, it is apparent that the health of wildlife is inextricably linked to that of people and domestic animals. Diseases that cross the wildlife, human, and livestock interface have enormous health, economic, and social ramifications. Consequently, there is a great need to improve collaboration and communication among wildlife, livestock, and human health practitioners. The Wildlife Disease Association (WDA) and the American Association of Wildlife Veterinarians (AAWV) invite members from a variety of human and animal health disciplines to attend a conference entitled "Advancing Global Health: Facing Disease Issues at the Wildlife, Human, and Livestock Interface." This meeting will bring together animal and human health practitioners in one forum to discuss these increasingly challenging issues. Who should attend and/or submit abstracts? Ecologists, veterinarians, medical practitioners, researchers, biologists, and any professional with an interest in human and animal health.

The University of Connecticut is located in a rural setting midway between the major metropolitan areas of Boston and New York City. Meeting participants will enjoy the peaceful beauty of this rolling-hills campus setting with all the advantages of New England's top ranked public university. As the host site of the 2006 Conference, the University is proud to showcase the results of "UCONN 2000," an unprecedented 10-year, USD one billion renovation and construction program to rebuild, renew, and enhance the University of Connecticut and its facilities. For more information, please visit the conference website at: <http://www.conferences.uconn.edu/wildlife> or email Damien Joly at wda.2006@gmail.com.

MEMBER NEWS

Tom Thorne – Beth Williams Memorial Award Fund

(The following is a letter and information from WDA President Scott Wright to all WDA members regarding the Tom Thorne-Beth Williams Award Fund. This material was distributed via email in June, 2006)

June 23, 2006

Dear WDA member,

Drs. Tom Thorne and Beth Williams, two of the most outstanding wildlife health researchers in the United States, were killed near the end of 2004 in a tragic accident. The Wildlife Disease Association and the American Association of Wildlife Veterinarians have established a memorial award in their names. The award will be given "in acknowledgement of an exemplary contribution either combining wildlife disease research with wildlife management policy implementation, or elucidating particularly significant problems in wildlife health".

Also attached is a file (see below) that briefly describes Tom and Beth, the extensive contributions they made to wildlife, and information about the memorial award. Numerous members of the WDA and AAWV, in addition to the WDA Council, have made contributions to the Fund.

These initial contributions have raised initial seed money to commission the black-footed ferret bronzes that will serve as the award itself. The Fund committee has recently approached several of the more prominent big game, hunting and wildlife management organization and safari clubs and asking them to help us assure that the award is on a solid financial footing and can be awarded well into the future as a tribute to these two wonderful wildlife professionals.

I am notifying you of the opportunity to contribute to the Fund personally in the event that you would be interested in doing so but had previously not been appraised as to the objective, Fund committee members, or the award.

Sincerely,

Scott D.Wright

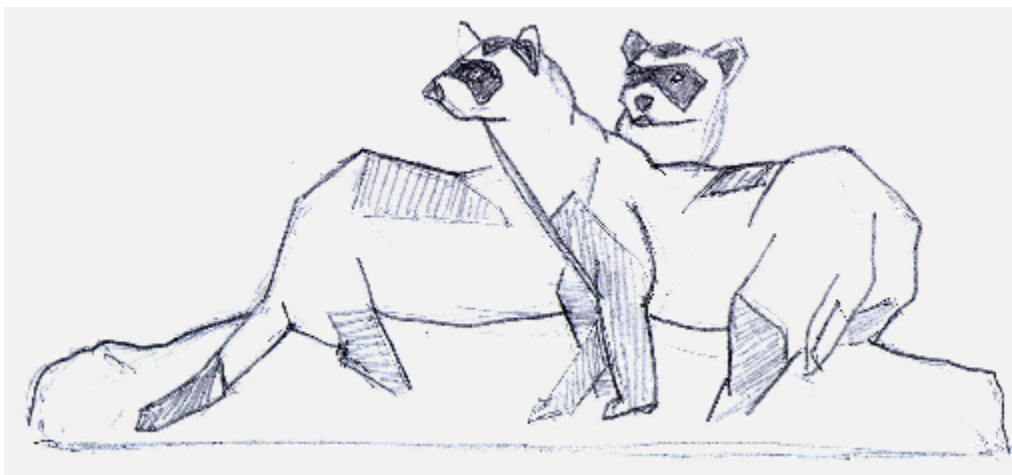
President, Wildlife Disease Association

Tom Thorne – Beth Williams Award Fund Committee Member

The Wildlife Disease Association and the American Association of Wildlife Veterinarians are seeking contributions to support the Tom Thorne and Beth Williams Memorial Award for Achievement in Wildlife Health. We hope you and/or your organization will consider joining us in making this award a permanent testimonial to their achievements, the inspiration of their lives, and their contributions to the conservation and health of wildlife. Please feel free to contact AAWV Treasurer Colin Gillin [colin.m.gillin@state.or.us], WDA Treasurer Carol Meteyer [carol_meteyer@usgs.gov], or Scott Starr at Allen Press [sstarr@allenpress.com].



The Tom Thorne and Beth Williams Memorial Award for Achievement in Wildlife Health will be presented jointly by the WDA and AAWV. The award will acknowledge an exemplary contribution either combining wildlife disease research with wildlife policy implementation or elucidating particularly significant problems in wildlife health. Contributions will be placed in an endowment fund, the proceeds of which will finance award presentation. Proceeds will be used to fund (in priority order): 1) a bronze award statuettes of two black footed ferrets, 2) travel to the annual conference to receive the award, and 3) involvement of the recipient(s) in selecting an appropriate way to honor Tom and Beth for that year via a contribution to a worthy project of the type they might have supported or participated in. A sketch of the bronze by acclaimed artist Chris Schiller is shown below.



E. Tom Thorne

May 20, 1941- December 29, 2004

Tom Thorne was born in Colorado Springs and grew up in Oklahoma City. He received both his BS in Zoology and his DVM from Oklahoma State University. In 1968, he began working for the Wyoming Game and Fish Department, and spent his early years studying diseases of bighorn sheep and nutrition of big game. Soon he delved into research and management of brucellosis in elk and initiated one of the most ambitious wildlife disease control programs in history. Tom helped developed the captive breeding program that saved the black-footed ferret from certain extinction and oversaw one for the endangered Wyoming Toad. He authored or co-authored many popular articles, book chapters, and over 35 peer-reviewed scientific articles. Tom was awarded the Conservationist of the Year by the Wyoming Wildlife Federation for his work on the black-footed ferrets and received the Outstanding Achievement Award by the Foundation for North American Wild Sheep. In the late 1990's Tom became more interested in administration and was several times promoted within the Department. In 2002 the governor appointed him Acting Director of the Wyoming Game and Fish Department.

Elizabeth (Beth) S. Williams

November 15, 1951 – December 29, 2004

Beth was born in Missouri and moved with her family to Maryland in 1958, where her interest in animals blossomed. Beth eventually worked in her father's research laboratory in animal sciences while completing her BS at the University of Maryland. She went on to veterinary school at Purdue University, and at Colorado State University (CSU) completed her residency in anatomic pathology and studied paratuberculosis in North America wild ruminants for her doctoral research. During Beth's time as a graduate student at CSU she and the late Dr. Stuart Young characterized and first described as a spongiform encephalopathy the disease in deer and elk we know today as chronic wasting disease. Beth joined the faculty of the Department of Veterinary Sciences at the University of Wyoming and began working as a diagnostic pathologist at the Wyoming State Veterinary Laboratory in 1982. She achieved board certification in veterinary pathology in 1983. Beth continued her studies on chronic wasting disease, along with the numerous other wildlife diagnostic and research efforts including work on brucellosis, plague, tularemia, canine distemper virus, keratoconjunctivitis of deer, and efforts to conserve the black-footed ferret and Wyoming toad. At the time of her death Beth was Editor of the Journal of Wildlife Diseases, and scientific committee member or consultant for the National Academy of Sciences, National Institutes of Health, United Nations, Morris Animal Foundation, and US Food and Drug Administration. Beth wrote numerous book chapters and produced more than 100 peer-reviewed journal articles. During her career, Beth received numerous awards, all of them accepted with a wonderful mix of pride and embarrassment. Perhaps the WDA Distinguished Service Award (received together with her husband Tom in 1996) was the most cherished.

Lou Sileo retiring. Dr. Lou Sileo is retiring from government service in July, 2006 after a long and distinguished career. Lou began his career in wildlife research as a graduate research assistant at the University of Connecticut in 1964, where he received his MS in wildlife management in 1966. He then moved to the Arizona Coop Unit in Tucson as a graduate research assistant, and received his PhD from there in 1970. From there he was a post-doctoral fellow at the Ontario Veterinary College in Guelph Ontario Canada. His experiences over the years has taken him to many corners of the world including the Kenyan Wildlife Disease Project in the mid-1970s, the Indian Veterinary Research Institute and Forest Research Institute, and the Guam Division of Aquatic and Wildlife Resources in the 1980s, and the Caribbean to study coral health and disease most recently. Lou joined federal service in 1978 as a research biologist in pathology at the Patuxent Wildlife Research Center in Laurel

MD. In 1983, he moved to Madison, WI and began his career with the USGS/National Wildlife Health Center. He has been active in the Wildlife Disease Association, The Wildlife Society, and the Audubon Society. He and his wife Dottie always wear the best costumes to our Halloween parties. They also are avid ballroom dancers and teach dancing. We are happy that they will be retiring together. We hope they stay connected with the NWHC long into the future!
-Submitted by Scott Wright

WDA STUDENT ACTIVITIES

EWDA STUDENT CHAPTER

European Student Chapter of the Wildlife Disease Association. We are pleased to announce the creation of the **EWDA Student Chapter**, the European Student Chapter of the Wildlife Disease Association! With a prime objective to promote shared knowledge between established researchers and wildlife disease students. Subscribe to the *EWDA discussion E-list*, learn about the latest wildlife health and disease news, job and education opportunities, and discuss and debate wildlife health hot topics! Participate in the *EWDA Student Workshop*, enhance your wildlife disease research skills, and meet renowned scientists and potential mentors! Don't miss the *EWDA Conference Student Mixer*, develop international relationships with students from all over Europe and beyond, and have fun!

Whether you are undergraduate, MSc, PhD, or post-doc, become TODAY a EWDA Student Chapter MEMBER! Membership form and all you need to know are on the student page of the EWDA website (European section of the Wildlife Disease Association: www.ewda.org).

-Leslie A. Reperant, *EWDA Student Representative* (reperant@Princeton.EDU).

EWDA STUDENT CHAPTER PROGRESS REPORT

Faculty Advisor: Dolores Gavier-Widen. One year ago, in late April 2005, the first EWDA Student Workshop was held in Veyrier-du-Lac, France featuring WDA speakers who shared their knowledge on emerging diseases and zoonoses of wildlife with students from across Europe and beyond. It triggered the formation of the European Student Chapter of the Wildlife Disease Association with the primary objective of further promoting shared knowledge between professional researchers and wildlife health students in Europe. The EWDA Student Chapter counts today 47 student members from 16 different countries. A new team of officers will come in duty during the 2006 conference of the EWDA next September in Italy, and is already working on the organization of the second EWDA Student Workshop to be held in 2007. In addition to the chapter officers, country representatives for Hungary, Romania, Spain, the UK and Scotland will promote the participation of students from their country in the activities of the EWDA Student Chapter. Students interested in becoming their country representative are invited to apply year-round and will keep in duty until the 2008 conference of the EWDA.

EWDA Student Chapter activities include the EWDA Student Workshop mentioned above, the EWDA discussion mailing list, the EWDA Electronic Journal Blog and the EWDA Student Mixer. The EWDA discussion mailing list counts 118 subscribers from Europe, the Americas, Asia and Australia, and is an efficient tool to distribute announcements of conferences, jobs and education opportunities and to discuss wildlife health hot topics. It is open to WDA members and non members and to students and non students interested in wildlife health. Approximately 6 messages are posted every month. The EWDA Electronic Journal Blog aims at compiling a list of recently published references on wildlife disease and health issues as they appear in the literature. Starting in December 2005, more than fifty citations are currently available. Lastly, the EWDA Student Mixer is to be

organized on the day preceding the first day of the EWDA conference to connect wildlife health students from across Europe and beyond. The EWDA Student Mixer 2006 will take place on September 26th as a hiking ice-breaker in the Regional Park of Mont-Avic, Italy. These various activities serve and work towards WDA Student Chapter objectives.

Visit www.ewda.org to learn more.

-Leslie A Reperant, reperant@princeton.edu

STUDENT AWARDS COMPETITION

ATTENTION MENTORS AND ADVISORS! Please encourage your students to apply for WDA's student awards. Each year the WDA sponsors student awards competitions. For 2007, students are encouraged to apply for three awards. The WDA Student Awards Committee (comprised of 8 members from around the globe) will judge the Graduate Student Research Recognition Award and Scholarship Award. Members of the audience attending the annual WDA meeting will judge the Terry Amundson Student Presentation Award. Criteria for judging of the awards are available on the WDA website at the following URL: http://www.wildlifedisease.org/Student_Awards.htm.

Applicants MUST be Student Members of the WDA at the time applications for the Graduate Student Research Recognition and Scholarship Awards are received and/or at the time the abstract for the Terry Amundson Student Presentation Award is submitted for consideration. Furthermore, students applying for the Graduate Student Research Recognition Award and Scholarship Award MUST be pursuing an advanced degree at the time of application.

Awards:

1. Wildlife Disease Association Graduate Student Research Recognition Award

This award is given to the student judged to have the best research project in the field of wildlife disease, based on written communication and scientific achievement. The winner receives a plaque and up to \$2000 US to cover travel, housing, registration, etc. related to the annual conference. The student will be the featured speaker during the student presentation session at the conference.

2. Wildlife Disease Association Scholarship

This award acknowledges outstanding academic and research accomplishment, development, and potential in pursuit of new knowledge in wildlife disease or health. The scholarship has a value of \$2000 US and is awarded annually to an outstanding student pursuing master's or doctoral degrees specializing in research on wildlife disease. To be considered, the candidate must have completed a four-year baccalaureate degree. Candidates with an overall grade point average of 3.5 or above in 4.0 systems or 80% or better in percentage systems will receive priority – **it helps the awards committee greatly if students not scored on the 4.0 grade point system include an official explanation of grade point or grade score systems used at their institutions.** The candidate should be committed to leadership, scholarship, and service in the wildlife health profession.

3. Terry Amundson Student Presentation Award

This award acknowledges outstanding oral presentation of research findings. The winner receives \$250 US and a plaque. To be considered, the student must give an oral presentation (usually 12 minutes with 3 minutes for questions) on their research project to the WDA meeting audience in the student presentation session. The student with the highest score will receive the award. Members of the WDA Student Awards Committee will adjudicate tied scores.

For more information, please visit www.wildlifedisease.org/education.htm or contact Dr. Todd Cornish at (307) 742-6638; tcornish@uwyo.edu.

WDA HISTORY

THE FIRST WILDLIFE DISEASE ASSOCIATION NEWSLETTER was issued in June 1952. Here are excerpts from that newsletter describing some of the topics that were discussed by the WDA's founding members. Note that the issues addressed below are just as relevant today as they were 54 years ago.

Miami Meeting (1952)

Through the gracious hospitality of the Wildlife Management Institute, during the 17th North American Wildlife Conference, a meeting was held at the McAllister Hotel, the evening of March 16th. Present at this meeting were:

J.F. Bell, Rocky Mountain Laboratory, Hamilton, Montana
E.L. Cheatum, Montana Coop. Wildlife Unit, Missoula, Montana
A.O. Haugen, Wildlife Building, Auburn, Alabama
C.M. Herman, Patuxent Research Refuge, Laurel, Maryland
E.L. Kozicky, Iowa State College, Ames, Iowa
J.P. Linduska, U.S. Fish & Wildlife Service, Washington, D.C.
M.N. Rosen, Fish and Game Department Laboratory, University of California,
Berkeley, California
G.B. Saunders, Patuxent Research Refuge, Laurel, Maryland
S.N. Snieszko, U.S. Fish & Wildlife Service, Kearneysville, W.Va.
S.C. Whitlock, Game Division, Department of Conservation, Lansing, Michigan

The chief item of discussion was the "Statement of Scope and Purpose" of our organization. The original name used last year – "Wildlife Disease Committee" – was changed to "Wildlife Disease Association". This statement was originally drafted by Drs. J.F. Bell, E.L. Cheatum and W.L. Jellison. Your chairman then appointed further members to this subcommittee responsible for preparation of the statement, including Dr. W.B. Bell, Department of Veterinary Science, V.P.I., Dr. I. McT. Cowan, University of British Columbia, Dr. N.D. Levine, School of Veterinary Medicine, University of Illinois, and M.N. Rosen, California Department of Fish and Game. The draft of the statement was revised at the Miami meeting, the criticisms and suggestions of the subcommittee members were discussed and a final wording agreed upon.

Statement of scope and purpose of the Wildlife Disease Association

The practice of wildlife management in North America has attained the status of a recognized profession. As professions go, it is a youthful one, but the responsibilities with which it is charged are heavy. It is asked to manage desirable populations of wildlife species so they may be at least maintained, and in many instances increased beyond their current numbers. On the other hand, the profession is charged with the control of nuisance species whose populations are believed to conflict so excessively with human health and economy or with the welfare of more desirable species of wildlife, that their reduction appears warranted.

Much more knowledge than is currently available is required for judicious handling of many of the problems incident in managing wildlife populations. There are natural limits to the abundance of all species, limitations that are affected by climate, food, and natural enemies.

Among the natural enemies, diseases are of great importance in affecting wildlife populations. This phase of wildlife research needs more attention and coordination than it has received heretofore. The identification, epizootiology, and significance of diseases are subjects of investigation by private, state, and federal agencies. Some of these agencies are primarily concerned with wildlife diseases as they bear on public health, others as they may affect animal industry. State and federal conservation agencies are often primarily concerned in disease factors limiting wildlife resources. The importance of some of the disease agents to the public health, the livestock industry, and the populations of wild animals has already been demonstrated. A closer working relationship is needed between all of the investigators whose work is contingent on wildlife disease problems. The Wildlife Disease Association has been formed to achieve this coordination between fields, including population dynamics, nutrition and nutritional diseases, animal pathology, bacteriology, virology, parasitology, immunology, toxicology, therapeutics, and related subjects.

The Association should eventually consider ways and means of effectively advising on the organization of wildlife disease studies in areas not adequately serviced for this type of work and to provide information on the kind of assistance now available from diagnostic laboratories.

It is the intention of the Association to establish a newsletter or some other form of communication for disseminating matters of interest to members of the Association and other interested agencies or persons.

Scope and purpose of the Association shall be to:

1. Compile a directory of workers and their specialties in this field.
2. Channel pertinent information on current studies and developments to members of the group.
3. Provide a means for dissemination of information to organizations concerned with wildlife management, public health, and animal health.
4. Provide opportunities for discussion of mutual problems through an annual meeting held in conjunction with the North American Wildlife Conference.

-Submitted by Ed Addison

HAPPENINGS IN THE FIELD

USGS National Wildlife Health Center's Quarterly Wildlife Mortality Report

King Eider Mortality in Alaska. Wildlife biologists from the North Slope Borough Department of Wildlife Management investigated a report of morbidity and mortality in king eiders (*Somateria spectabilis*) at Point Hope on October 11, 2005. The location, which is a favorite hunting site of aboriginal people, is a narrow, sandy spit that protrudes into the Arctic Ocean. They found approximately 100 sick and dead king eiders, which was roughly 10 percent of the population of king eiders present at the site. No other waterbird species appeared to be affected. Specimens were submitted to the NWHC for diagnostic evaluation. The primary gross pathology noted at necropsy was emaciation in all specimens and nephrosis in one bird. Laboratory tests for liver lead, routine bacterial cultures, and viral cultures produced no significant results. Histological examination showed no significant abnormalities other than large numbers of protozoal parasites of the genus *Henneguya* and roundworm ova in collecting tubules of the kidney of the bird with nephrosis. *Henneguya* sp. are normally parasites of fish.

Suspected mycotoxicosis in snow geese and sandhill cranes. Starting in late November, scattered reports of mortality in snow geese (*Chen caerulescens*) were received from Louisiana, Arkansas, Mississippi and Texas. Geese from Louisiana and Arkansas had gross and microscopic changes consistent with aflatoxicosis. No geese were available in good condition from Texas. Many tests are in progress for these events. In mid-December, sick and dead sandhill cranes (*Grus canadensis*) were

reported in the panhandle of Texas at two locations from a population of 80,000 cranes. Moldy peanuts were present in the ingesta of scavenged and necropsied cranes. Cranes were observed with drooping heads and necks, even in flight. The cranes also had erratic flight patterns and unusually short flights. Necropsy examinations indicate mycotoxicosis and tests are pending.

Enteritis of American Crows in New York. The New York Department of Environmental Conservation reported that mortality of American crows (*Corvus brachyrhynchos*) began in late December 2005 at winter roosts in the Hudson River Valley. This marks the fifth year of winter mortality of crows along at least 150 miles of the river. Necropsy findings consist primarily of severe necrotic enteritis. Mortalities have ranged from fewer than 100 crows to 1000 or more, typically from mid-late December through January. *Clostridium perfringens* and other *Clostridium* species have been isolated, along with a reovirus. In some birds, coccidia have also been detected. Efforts are underway to fully characterize the virus and determine the roles played by it, the clostridial bacteria, and coccidia in the development of the enteritis.

Quarterly Wildlife Mortality Report
October 2005 to December 2005

| State | Location | Dates | Species | Mortality | Diagnosis | Reported by |
|-------|--|-------------------|--|-----------|--|-------------|
| AK | Misty Fjords NM | 10/01/05-10/15/05 | Mountain Goat | 4 | Viral Infection: Contagious Ecthyma | AKF |
| AK | Point Hope area | 10/01/05-10/11/05 | King Eider | 300 (e) | Emaciation | NW |
| AZ | Moccasin Mountain, Kaibab Indian Reservation | 12/18/05-12/21/05 | American Crow | 40 (e) | Undetermined | AZ |
| CA | Grizzly Island Wildlife Area | 10/11/05-10/12/05 | Canada Goose | 12 | Lead poisoning | CVL |
| CA | San Jacinto | 11/24/05-12/01/05 | Gadwall American Coot American Wigeon Northern Shoveler Black-Necked Stilt | 60 (e) | Botulism type C | CAF |
| FL | Daytona Beach, Lake View Estates Mobile Home Park, | 12/27/05-ongoing | Unidentified Gull Herring Gull Laughing Gull Ring-Billed Gull Mallard | 18 (e) | Aspergillosis | FL, SCW |
| FL | Panama City | 09/26/05-11/15/05 | American Coot | 30 (e) | Toxicosis: suspect | NW |
| GA | Savannah | 12/18/05-12/19/05 | Boat-tailed Grackle | 47 | Toxicosis: organophosphorus compound | SCW |
| IA | Waterloo | 12/24/05-01/19/05 | American Black Duck Mallard | 500 (e) | Aspergillosis | NW |
| IL | Frankfort | 12/19/05-01/13/06 | Canada Goose | 105 (e) | Lead poisoning | NW |
| IN | Auburn | 12/08/05-12/23/05 | Canada Goose Mallard | 54 | Gout: visceral | PUL |
| LA | Morehouse County | 11/15/05-12/05/05 | Greater Snow Goose | 100 (e) | Aflatoxicosis suspect | NW |
| MD | Chesapeake Bay, | 09/14/05-12/01/05 | Great Blue Heron | 20 | Steatitis | NW |
| MD | Chesapeake Bay | 08/15/05-12/01/05 | Laughing Gull Common Tern Unidentified Gull | 40 (e) | Botulism type C | NW |

| | | | | | | |
|----------|--|-------------------|--|-----------|---|------------|
| | | | Great Black-Backed Gull Mute Swan | | | |
| MN | Lake Winnibigoshish | 10/07/05-10/13/06 | American Coot | 40 (e) | Open | NW |
| MN | Mississippi River, Lock 4 | 10/10/05-10/15/05 | American Coot | 200 (e) | Trauma: water intake pipes | NW |
| MO | East Prairie, Ten Mile Pond Conservation Area | 12/07/05-01/16/06 | Greater Snow Goose Mallard White-Fronted Goose Canada Goose Northern Shoveler Greater Snow Goose | 304 (e) | Avian cholera | NW |
| MS | Tallahatchie | 12/15/05-12/30/05 | Greater Snow Goose | 20 (e) | Open | NW |
| NC | Moore Co., Woodlake | 11/20/05-ongoing | American Coot Bald Eagle | 300 (e) | Vacuolar myelinopathy | NW, SCW |
| ND | Grace City | 10/19/05-10/25/05 | Mallard | 54 | Aspergillosis | NW |
| NY | Albany | 12/25/05-01/31/06 | American Crow | 1,000 (e) | Necrotic enteritis | NW, NY |
| OH | Cleveland, Burke Lakefront Airport | 10/28/05-12/05/05 | Mallard Killdeer American Black Duck Unidentified Gull Canada Goose | 20 (e) | Open: toxicosis suspect | NW |
| OH | Fairfield County | 11/11/05-11/11/05 | Canada Goose | 23 | Toxicosis suspect | OHD |
| OH | Columbus | 09/27/05-09/29/05 | Mallard | 11 | Open: botulism suspect | OHD |
| OR | Yamhill County | 08/17/05-10/11/05 | Western Canada Goose, | 60 | Toxicosis: rodenticide | MSU |
| OR | Charleston, Bastendorf Beach | 11/25/05-11/26/05 | Northern Fulmar | 23 | Emaciation | NW |
| OR | Fern Hill Wetlands | 10/22/05-11/04/05 | Cackling Goose | 39 | Aspergillosis | NW |
| TX | Lorenzo | 12/14/05-ongoing | Lesser Sandhill Crane Lesser Snow Goose | 34 (e) | Open | |
| TX | Muleshoe NWR | 12/15/05-ongoing | Lesser Sandhill Crane | 400 (e) | Mycotoxycosis suspect | NW |
| TX | Ralls | 11/30/05-12/01/05 | Mallard Bullfrog | 34 | Open | NW |
| UT | Great Salt Lake | 12/16/05-12/31/05 | Eared Grebe | 2,035 (e) | Undetermined | NON |
| WA | Whatcom County | 10/25/05-10/30/05 | American Wigeon Northern Pintail Mallard Green-Winged Tea- | 40 (e) | Aspergillosis | WA |
| WI | Upper Mississippi NWR, Pool 9 | 11/20/05-12/15/05 | American Coot Lesser Scaup Canvasback Mallard | 20 (e) | Parasitism: <i>Cyathocotyle bushiensis</i> | NW |
| Updates: | | | | | | |
| WA | Ocean Shores | 07/15/05-09/15/05 | Alaskan Sea Otter | 3 | Parasitism: Protozoal encephalitis | NW |

| | | | | | |
|----|----------------------------------|-------------------|--|---|----|
| WI | Horicon Marsh Wildlife Area | 09/23/05-ongoing | Shoveler Green-Winged Teal Pectoral Sandpiper Wood Duck Blue-Winged Teal | 60 (e) Botulism type C | NW |
| WI | Lake Onalaska, Upper Miss NWR | 08/30/05-11/25/05 | American Coot Lesser Scaup Blue-Winged Teal Ring-Necked Duck Mallard | 4,350 (e) Parasitism: <i>Cyathocotyle</i> <i>bushiensis</i> and <i>Sphaeriootrema</i> <i>globulus</i> | NW |

(e) = estimate; * = morbidity, not mortality

University of Arizona Diagnostic Laboratory (AZ), California Animal Health FS Laboratory Network (CAF), University of California Veterinary Diagnostic Laboratory (CVL), Michigan State University (MSU), USGS National Wildlife Health Center (NW), New York Department of Environmental Conservation (NY), No diagnostics pursued (NON), Ohio Department of Natural Resources (OHD), Purdue University Animal Disease Diagnostic Laboratory (PUL), Southeastern Cooperative Wildlife Disease Study, Athens, GA (SCW), and Washington Animal Disease Diagnostic Laboratory (WA)

Written and compiled by Rex Sohn -Western US, Kathryn Converse- Central US, Grace McLaughlin - Eastern US, NWHC. The Quarterly Wildlife Mortality Report is available at <http://www.nwhc.usgs.gov>. To report mortality or receive information about this report, contact the above NWHC staff, or for Hawaiian Islands contact Thierry Work. Phone: (608) 270-2400, FAX: (608) 270-2415 or e-mail: kathy_converse@usgs.gov. USGS National Wildlife Health Center, 6006 Schroeder Road, Madison, WI 53711.

WDA SECTION NEWS

NEWS FROM THE EUROPEAN SECTION

VII European Wildlife Diseases Congress. S.Vincent (Aosta) Italy 27-30 September 2006.

Topics include: Wildlife and emerging infectious diseases; Mutual transmission of infectious diseases between wildlife and livestock; Wildlife diseases in conservation; Wildlife disease surveillance; and Free topics. Organising Committee: Contact address: Riccardo Orusa CERMAS Centro di Referenza per le Malattie degli Animali Selvatici Via G. Rey, 5 -11100 Aosta, Italy, tel: +39 0165 238558 fax: +39 0165 236775.

e-mail: cermas@izsto.it. Scientific Programme: Contact address: Ezio Ferroglio Università degli Studi di Torino, Facoltà di Medicina Veterinaria, Via Leonardo da Vinci, 44 - 10095 Grugliasco (TO), Italy, tel: +39 011 6709002 fax: +39 011 6709000. e-mail: ezio.ferroglio@unito.it
More information on: www.ewda2006.it.

EWDA. The European Wildlife Disease Association (www.ewda.org) represents the European section of the Wildlife Disease Association (WDA, www.wildlifedisease.org). The EWDA encourages the exchange of knowledge on wildlife diseases between, scientists, wildlife veterinarians and other workers with a common interest in European wildlife. At the moment the EWDA has 120 members representing the European countries.

Members of the EWDA have developed several multi-lateral collaborative initiatives such as joint research projects and publications, workshops and the three operating working groups, namely: "Wildlife Surveillance in Europe", "European Wildlife Disease Research" and "Training in wildlife diseases in Europe".

Since its creation in 1994, the EWDA has promoted the exchange of information between its members, and organised a bi-annual International Conference hosted by alternating European states. Meetings have been held in Maisons Alfort, France in 1994, Wroclaw, Poland in 1996, Edinburgh, Scotland in 1998, Saragossa, Spain in 2000, Heidelberg, Germany in 2002, and in Uppsala, Sweden in 2004 (www.sva.se/ewda/) where the number of participants had grown to 200 delegates. The next meeting is in Aosta, Italy 27-30 September 2006.

EWDA WEBSITE - www.ewda.org. Visit the EWDA website and find information on conferences, members interests, publications and lots more. The website is kindly provided free of charge by the UK Central Science Laboratory. We are currently considering a new look for the site so if you have any further suggestions or material then please send them to r.delahay@csl.gov.uk.

Submissions to the European Section. Material for publication in News from Europe can include recent wildlife disease outbreaks and new diseases in Europe, short case and meeting reports; job, and scholarship announcements. We encourage submissions, and will help with the English language, if required.

Please mail, fax or e-mail submissions to, Paul Duff, VLA Diseases of Wildlife, VLA Penrith, Merrythought, Calthwaite, PENRITH, Cumbria, CA11 9RR, United Kingdom, e-mail p.duff@vla.maff.gsi.gov.uk Fax ++44(0)-1768-885314 /phone ++44(0)-1768-885295.

WDA SECTION CHAIRS AND CONTACT INFORMATION

African Section. For information regarding the African Section, contact Elizabeth Wambwa, Kenya Wildlife Service, P.O. Box 40241, Nairobi, Kenya. Telephone: 254-2-504180; Fax: 254-2-505866; email: ewambwa@yahoo.com

Australasian Section. For information regarding the Australasian Section, contact Tim Portas, Western Plains Zoo, P.O. Box 831, Dubbo, NSW 2830, Australia. Telephone: 61 2 6881 1460; Fax: 61 2 6884 1496; email: tportas@zoo.nsw.gov.au.

European Section. For information regarding the European Section, contact Marc Artois, ENVL, Unite Pathologie Infectieuse, BP83, 69280 Marcy l'Etoile, France, Telephone: 33-487-87-27-74, email: m.artois@fvvet-lyon.fr.

Nordic Section. For information regarding the Nordic Section, contact Eric Agren, Department of Wildlife, National Veterinary Institute, SE-751 89 Uppsala, SWEDEN, Telephone +46 18 67 40 00 Fax +46 18 30 91 62 or E-mail: Erik.Agren@sva.se.

Wildlife Veterinarian Section. For information regarding the Wildlife Veterinarian Section, contact Kirsten Gilardi, Wildlife Health Center, University of California Davis, CA 95616 USA. Telephone: 530-752-4896, FAX: 530-752-3318, email: kvgilardi@ucdavis.edu.

JOB ANNOUNCEMENTS

Visit the JWD website at <http://www.wildlifedisease.org/Jobs.htm> for up to date job listings.

TRAINING/EDUCATIONAL OPPORTUNITIES

Visit the JWD website at <http://www.wildlifedisease.org/Training.htm> for more information on training opportunities.

4th Biennial Foreign Animal Diseases Training Course, Madison, WI, July 30-August 4, 2006. The University of Wisconsin School of Veterinary Medicine and the USDA Animal and Plant Health Inspection Service are pleased to announce the following upcoming meeting: FAD2006 - The Fourth Biennial Foreign Animal Diseases Training Course, July 30-August 4, 2006, which will be held at the Inn on the Park, Madison, WI. Building upon our successful meetings in 1999, 2001 and 2003, we will once again bring together experts from Africa, Europe and North America to provide in-depth presentations and discussions on the recognition, diagnosis and control of foreign animal diseases that threaten our livestock industries. Detailed information regarding the meeting can be found at: <http://www.vetmed.wisc.edu/pbs/courses/FAD2006>, along with registration materials. In addition,

please use the attached announcements to make your colleagues aware of this educational opportunity. We look forward to welcoming you to Madison in July!

The AAZV 13th Annual Zoo & Wildlife Pathology Workshop. Tampa, Florida. September 20, 2006. This all day workshop, co-sponsored by The CL Davis, D.V.M. Foundation, will be held on Wednesday September 20, 2006, 8:00 am – 5:00 pm, at the Hyatt Regency Hotel, Tampa, Florida. Featured are case presentations of classic or new entities of zoo and wildlife species with emphasis on clinical/pathological correlation. It is a pathologist's workshop that has become popular with zoo and wildlife clinicians, interns, residents, and students. All are encouraged to attend! Zoo clinicians, please share this announcement with your pathologists, if they are not members of AAZV. This year's emphasis will be on pathology of respiratory organs. Keynote speaker(s) will be identified in the next announcement. Cases with pulmonary disease and lesions of other respiratory structures are encouraged. Fifteen or more cases will be presented (by participants submitting the cases) followed by interpretations by the facilitator, and questions and provocative discussion with the audience. The format is interactive and, to facilitate this, histo-slide sets are mailed to presenters at no additional cost. The slide set with signalment and clinical history should arrive to presenters several weeks before the Workshop. If you plan to present a case, please Email Linda Lowenstine (ljlownstine@ucdavis.edu) or Dick Montali (montalirj@yahoo.com) for questions or more details. Fifty slides (45 H&E and 5 unstained) are required. Include the case number, signalment and clinical history (without the diagnosis) on a separate letterhead. On continuing sheets, add the gross and histologic findings, pathologic diagnosis with a brief discussion and pertinent references, names of contributor(s) and institution (with postal address and Email address). **Slides and written material MUST be received by August 5, 2006** and should be sent to: Dr. Linda J. Lowenstine, School of Veterinary Medicine – PMI, One Shields Ave, University of California Davis, Davis, CA 95616, Phone: 530-752-1182. Histo-slide sets can be purchased either in advance or at the meeting for \$25 by representatives of educational and training facilities and by individuals, as they remain available. Checks should be made out to AAZV and submitted to Drs. Lowenstine or Montali. Handouts with diagnoses and discussion will be available the day of the meeting for all participants. Cost: TBA – full day includes case handouts and refreshments. All participants must register. If you are not a member of AAZV and wish to participate in or attend this Workshop, please email Dr. Robert Hilsenroth, RhilsenrothAAZV@aol.com for a registration package, or you may download the information from WWW.aazv.org sometime in June/July. Remember that you are welcome to attend the Workshop even if you have not submitted a case.

Avian, Reptile, Rabbit, Ferret, and Rodent Diagnostic Endoscopy Course. November 18 and 19, 2006. This 15 hour continuing education course is designed to teach the theory and practical applications of diagnostic endoscopy in birds, reptiles and small mammals. Whether you are a private practitioner, zoo/aquarium/wildlife veterinarian, or researcher this course will train you to perform minimally-invasive endoscopic procedures including biopsy techniques. This is a basic to intermediate level course, and fundamental knowledge of avian and reptilian anatomy is assumed. You will be trained using PowerPoint lectures and video presentations in equipment choice and care; oral, aural, and upper respiratory endoscopy in small mammals; coelioscopy, gastro-intestinal and respiratory endoscopy of reptiles; coelioscopy, gastro-intestinal endoscopy and tracheoscopy of birds; biopsy and sampling techniques; and endoscopy fee structure and practice management. In addition, there will be over 8 hours of practical lab time in which you will be able to practice and develop your skills in anesthetized (non-recovery) research iguanas and pigeons scheduled for euthanasia. All procedures approved by the UGA Institutional Animal Care and Use Committee. Refreshments, lunches, certificate of training, and full color printed course notes containing all tutorial materials will be

provided. Limited to 16 veterinarians. \$750 for veterinarians, \$150 for accompanying technicians. Course will be held in surgery suites at the College of Veterinary Medicine, University of Georgia, Athens, GA 30602, USA. The College is 1.5 hrs shuttle bus ride from the Atlanta International Airport, and only 10 minutes from the Athens Regional Airport with service from the Charlotte International Airport. For registration details contact Sandi Kilgo at Telephone: 1-706-542-1451 or Email: skilgo@vet.uga.edu. For more information, visit the following website: www.gactr.uga.edu/conferences.

Fish and Chelonian Diagnostic Endoscopy Course. December 2 and 3, 2006. This 15 hour continuing education course is designed to teach the theory and practical applications of diagnostic endoscopy in fish (including koi and catfish) and chelonians (including turtles, tortoises and terrapins). Whether you are a private practitioner, zoo/aquarium/wildlife veterinarian, or researcher this course will train you to perform minimally-invasive endoscopic procedures including biopsy techniques in fish and turtles. The course will include PowerPoint video lectures and practical instruction in gastrointestinal, respiratory, and coelomic endoscopy. Special emphasis will be placed upon equipment selection, animal preparation, endoscopic identification of tissues and organs, and the collection of biological samples for disease diagnosis and research purposes. In addition, there will be over 8 hours of practical wet-lab time to practice and develop endoscopy skills in anesthetized (non-recovery) farmed koi, catfish and red-eared sliders (terrapins). All procedures approved by the UGA Institutional Animal Care and Use Committee. Refreshments, lunch, certificate of training, and full color printed course notes containing all tutorial materials will be provided. Limited to 16 veterinarians. \$750 for veterinarians, \$150 for accompanying technicians. Course will be held in surgery suites at the College of Veterinary Medicine, University of Georgia, Athens, GA 30602, USA. The College is 1.5 hrs shuttle bus ride from the Atlanta International Airport, and only 10 minutes from the Athens Regional Airport with service from the Charlotte International Airport. For registration details contact Sandi Kilgo at Telephone: 1-706-542-1451 or Email: skilgo@vet.uga.edu. For more information, visit the following website: www.gactr.uga.edu/conferences.

Dallas Zoo and Dallas Aquarium Veterinary Student Preceptorship. A four to eight-week preceptorship offers exposure to clinical zoo and aquarium veterinary practice at a large metropolitan zoo. The student will work closely with the veterinary and keeper staff and receive an introduction to husbandry, restraint/immobilization, basic medical procedure techniques, and necropsies of zoo animals, the unique aspects of veterinary management of animals in a zoo setting, and the MedARKS recordkeeping system. An onsite library is available for use. Responsibilities will be assigned based on the student's areas of interest and experience level. The student is expected to complete a project and present results to the veterinary staff, and will be responsible for local transportation, housing, and food. Applicants should be a fourth year veterinary student (or in final year of non-U.S. veterinary program) and have completed four weeks of a clinical medicine or surgery rotation before the start of the preceptorship. Negative tuberculin skin test within 60 days of the start of the preceptorship, current tetanus vaccination, and personal health insurance are required. Applicants should send a letter of intent, curriculum vitae, contact information for three references, and the name of their Zoo/Exotic Animal advisor to: Tim Storms, Associate Veterinarian at Dallas Zoo and Dallas Aquarium, 650 South R.L. Thornton Fwy., Dallas, Texas 75203-2996.

Envirovet Summer Institute. The goal of the Envirovet Summer Institute is to create a force of scientists with unique perspectives, knowledge, skills, and expertise required to implement an efficient approach to ecosystem repair that will enable synchronous gains in wildlife, domestic animal, human, and economic health. To meet this goal, Envirovet Summer Institute 2006 will provide six weeks of

intensive lecture, laboratory, and field experiences to 25 veterinarians, veterinary students and wildlife biologists in the areas of terrestrial and aquatic wildlife and ecosystem health in developed and developing country contexts. Each participant in Envirovet Summer Institute 2006 will engage in comprehensive classroom, laboratory, and field interactions from mid-June to the beginning of August. Individuals with determination, stamina, sense of purpose, keen intelligence, and capacity to envision and pursue positive outcomes in the face of incomplete knowledge and institutional inertia are invited to apply for admission to the 2006 Envirovet Summer Institute. For more information, log onto www.cvm.uiuc.edu/envirovet/index.html.

Zoological Intern - Wildlife Safari. Wildlife Safari, Oregon's only 600-acre drive-through zoological park, is looking for college students with a strong interest in wildlife conservation. If you are majoring in the life sciences, wildlife management, animal science, or environmental education and are planning a career in the animal care field, we have an internship program for you. Join Wildlife Safari's Summer Internship Program and get hands-on experience in working with captive wild animals in a zoological park. Internships are available from May 24 through September 1, 2004. Work 40 hours per week and earn a \$550 per month stipend. Work as a tower guard monitoring animal and visitor activity in the cheetah, lion and bear areas. Work closely with our animal keepers taking care of hoofed animals, carnivores, primates, and birds. Take field trips and tour other zoological parks. Earn college credit (if available from your school). If you are interested in being part of Wildlife Safari this summer, send a resume and letter describing your areas of interest. Be sure to check your class schedules and let us know the dates you are available this summer. Send information to: Summer Intern Program Attn: Josh Jones Wildlife Safari P.O. Box 1600 Winston, OR 97496.

Training Available in Fish Diagnostics, Inspections, and Laboratory Methods. The US Fish and Wildlife Service Fish Health Centers provide laboratory and field examination services to the National Fish Hatcheries. Our main emphasis is to assist the hatcheries in producing quality fish that will contribute to the enhancement and restoration of aquatic ecosystems. At the Olympia and Idaho Fish Health Centers, the work may involve travel to field sites to perform diagnostic examinations and collect samples that are then evaluated in our laboratories. Routine testing procedures include bacteriology (biochemical, ELISA, and PCR methods), virology (cell culture, serological, and PCR methods), parasitology (microscopic and PCR methods), histology, and clinical chemistry. Training may be arranged for one day or several weeks at one or both of these laboratories depending on the interests and availability of the individual. In general, most broodstock inspections are performed from September through November, juvenile inspections are performed from January through April, and wild fish surveys are conducted from March through September. Routine diagnostic examinations are performed year round and special projects are conducted as time and necessity permit. For more information, please contact Joy Evered DVM, at the Olympia Fish Health Center; email joy_evered@fws.gov or Marilyn Blair DVM, at the Idaho Fish Health Center; email marilyn_j_blair@fws.gov.

Sr. Veterinary Student Preceptorship in Avian and Conservation Medicine. A four to six-week preceptorship in Avian and Conservation Medicine is being offered to a senior-year veterinary student by the International Crane Foundation (ICF) in Baraboo, Wisconsin. The preceptor will train with the Veterinary Services Unit of the Conservation Services Department in all phases of the clinical practice, but have opportunities for interaction with the Crane Conservation Department to learn captive propagation, husbandry, and management of this unique family of birds. The preceptor can expect to

gain practical experience in crane capture, transport, anesthesia, preventive medicine, disease surveillance, and the contribution of veterinary medicine to crane conservation including field project support and professional consultations. Preceptors are encouraged to complete and report on a research or laboratory project during their stay. Opportunities for visiting the University of Wisconsin School of Veterinary Medicine and the National Wildlife Health Center in Madison, WI will be made available to interested preceptors. No stipend is available for this position; however, on-site housing in the ICF Guesthouse will be provided depending on availability at the time the preceptorship is scheduled. Applicants should send a cover letter, curriculum vitae, or resume and one letter of recommendation from a faculty member of their home institution to: Barry Hartup, DVM, Director of Veterinary Services, International Crane Foundation, E-11376 Shady Lane Road, Baraboo, WI 53913, email hartup@savingcranes.org. Please view our website at www.savingcranes.org.

Directory of Post-Graduate Educational Opportunities in Zoo and Wildlife Medicine. The World Association of Wildlife Veterinarians has recently produced a Directory of Post-Graduate Educational Opportunities in Zoo and Wildlife Medicine. The Directory covers opportunities in over fifty countries and is a must for veterinary students or graduates interested in furthering their careers in the field of wildlife medicine. For further information, please contact the Secretary of the WAWV at: F.Scullion@zoo.co.uk.

MEETING AND CONFERENCE ANNOUNCEMENTS

Visit the JWD website at <http://www.wildlifedisease.org> for more conference listings.

The 55th Annual Meeting of the Wildlife Disease Association. August 6-11, 2006. The 55th annual meeting of the WDA will be held August 6 through 11 at the University of Connecticut at STORRS. See WDA News at the beginning of this issue. For more information, please visit the conference website at: <http://www.conferences.uconn.edu/wildlife> or email Damien Joly at wda.2006@gmail.com.

11th International Symposium on Veterinary Epidemiology and Economics (ISVEE XI), Cairns, Australia, August 6-11, 2006. In 2006, Australia, New Zealand and Southeast Asian epidemiologists are joining together to host the 11th International Symposium on Veterinary Epidemiology and Economics (ISVEE XI). This is the 11th in the series of International Symposia with recent symposia held in Chile (2003), Colorado, USA (2000) and Paris, France (1997). Those who have been to previous meetings will know that this symposium, held every three years, is not to be missed. However, it is to those who have never attended that we give a special welcome, in particular students and those who may not call themselves epidemiologists, but share common interests. Epidemiology is a discipline which depends on integrating expertise from a wide range of people, from virologists to sociologists, from engineers to ecologists. The Symposium Theme Innovation: Reshaping Veterinary Epidemiology has been selected for ISVEE XI and we would like to see cross-fertilisation with a wide range of other disciplines at this, our 11th Symposium. The Symposium will be held from the **6 - 11 August 2006** at the Cairns Convention Centre, Queensland, Australia. Cairns is the major centre of northern Queensland with easy access to the Great Barrier Reef World Heritage Area and surrounding natural tropical wonders including reefs, beaches, islands, rainforests and outback attractions. It also has an international airport with direct flights from many parts of the world. For further information on the Symposium please contact: ISVEE XI, C/- OzAccom Conference Services, PO Box 104, RBH Post Office 4029,

AUSTRALIA, Tel: +61 (0)7 3854 1611, Fax: +61 (0)7 3854 1507, Email: isveexi@ozacom.com.au, Website: www.isveexi.org

6th International Deer Biology Congress, Prague, Czech Republic, August 7-11, 2006. The 6th International Deer Biology Congress, *Deer in a Changing World*, will be held in Prague, Czech Republic, August 7-11, 2006. The congress will cover all aspects of deer science. Session topics will include: Deer responses to global environmental change; Seasonal and non-seasonal deer: Arctic to Tropic; Censusing and modeling populations; Conservation of free-ranging populations: conflicts of interest; Deer management; Reproduction; Diseases of deer; Antler biology; Genetics and evolution; Problems of deer overabundance; Ecology and management of invasive species; Management of endangered deer; Behavior and welfare; Venison and its potential contribution to diet. **The plenary speakers and their lectures to be presented are:** **Valerius Geist** (Canada): *Deer Survival Past and Future: How to Combine Regional Differences in Survival Strategies of Deer with Insights into Effective Conservation Systems*; **George A. Bubenik** (Canada): *Seasonal versus non-seasonal deer: From tropic to arctic*; **Chunyi Li** (New Zealand): *Deer antler regeneration and stem cell research- recent progress*; **Mads C. Forchhammer** (Denmark): *To be announced*; **Marco Apollonio** (Italy): *To be announced*; **Murray Woodbury** (Canada): *The co-occurrence of disease in captive and free ranging cervid populations*; **William J. McShea** (U.S.A.): *Conservation of Tropical Deer: what does the future hold?* For more information, please refer to the following website: <http://www.af.czu.cz/idbc>.

Annual Conference of the Association of Avian Veterinarians-Australian Committee, Wellington, NZ, September 2-7, 2006. The Association of Avian Vets - Australian Committee, Annual Conference will be held at the Icon Functions Area of Te Papa, the National Museum of New Zealand, Wellington, in association with the Unusual and Exotic Pets Group (UEP) of the Australian Veterinary Association, from September 2-7, 2006. The UEP will hold their part of the conference from Saturday September 2nd to Sunday September 3rd, while the AAVAC conference will follow from Monday September 4th to Wednesday September 7th. A field trip to Kapiti Island will be arranged for Thursday September 7th. The theme for the UEP part of the conference will be Diagnosis. The theme for the AAVAC part of the conference will be Diagnostic Techniques. A full Proceedings will be available and included in the Registration fee. Further information can be found at the conference website: <http://www.aavac.com.au/conference.html>. For conference queries please contact B.Gartrell@massey.ac.nz

Annual Conference of the American Association of Zoo Veterinarians, Tampa, FL, USA, September 20-24, 2006. The American Association of Zoo Veterinarians will hold its annual conference in Tampa, Florida, September 20-24, 2006. Topics for sessions will include Anesthesia, Aquatics Species Medicine, Avian Contraception, Carnivores, Small Mammals, and Sanctuary Medicine, Career Management, Case reports, Diagnostics and Imaging, Megavertebrates, Information Technology and Bioinformatics, Non-infectious Diseases, Pathology, Reptiles and Amphibians, Primates, Treatment of Chronic Diseases and Pain, Welfare, and Wildlife Health and Conservation. Please refer to the following website for more information: <http://www.aazv.org>. **The deadline for submission of titles to session chairs is February 24, 2006.**

13th Annual Conference of The Wildlife Society, Anchorage, Alaska, September 23-27, 2006. The Wildlife Society will hold its 13th Annual Conference in Anchorage, Alaska, September 23-27,

2006. For more information, please refer to the following website:
<http://www.wildlife.org/conference/>.

7th European Wildlife Disease Association Conference (EWDA), Aosta, Italy, 27-30th September 2006. The 7th EWDA Conference will be held in Aosta, Italy from 27 to 30 September 2006 and is entitled - "Public health, management and conservation in wildlife disease". The plenary lectures will address: -Zoonoses and emerging diseases including avian influenza. Other sessions include Zoonoses and Emerging Diseases; Wildlife Disease Related to the Environment; Infectious Diseases of Wildlife; Diagnostic Approaches to Wildlife Disease. More details will be posted on the EWDA web site (above), anticipated deadlines are: **February: 2, 2006** 2nd announcement with detailed scientific programme and details of accommodation. **June 1, 2006:** deadline for registration at the ordinary (lower) rate. **July 1, 2006:** deadline for submission of presentation scientific abstracts.

Chronic Wasting Disease (CWD): Current knowledge and European perspective-2006. Torino, Italy, October 3, 2006. Chronic Wasting Disease (CWD): Current knowledge and European perspective-2006 will be held Tuesday, 3 October 2006, at 11.00 - 18.30 in the Sala Madrid (Madrid Room), Lingotto Congress Centre, Via Nizza 280, Torino, Italy. There will be two scheduled sessions entitled Chronic Wasting Disease in North America: Current knowledge; and CWD-Studies and testing in Europe. These sessions include a variety of expert speakers from North America and Europe and are as follows: Dolores Gavier-Widén, Mike Miller, Lisa Wolfe, Terry Spraker, Katherine O'Rourke, Aru Balachandran, Mick Stack, Umberto Agrimi, Lorenzo González, Jan Langeveld, Kai Frölich, Tina Blasche, Paul Webb, Sinéad Diederich, and Koen Van Dyck. The organizers of this meeting are NEUROPRION-Cervids Group, European Wildlife Disease Association, CERMAS (Centro di Referenza Nazionale Malattie Animali Selvatici), and CEA (Centro di Referenza Nazionale per le Encefalopatie Animali). For more information please contact Dolores Gavier-Widen, Coordinator, Department of Wildlife Diseases, National Veterinary Institute (SVA), S-75189 Uppsala, Sweden, E-mail: dolores@sva.se.

8th International Meeting "Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases" (MEEGID VIII), Bangkok Thailand, November 30-December 4, 2006. The 8th International Meeting "Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases" (MEEGID VIII) will be held in Bangkok, Thailand, 30 Nov-4 Dec 2006. As for the 7 first MEEGID meetings, it will be co-organized by the Centers for Disease Control and Prevention (<http://www.cdc.gov/>) in Atlanta, the Centre National de la Recherche Scientifique (<http://www.cnrs.fr/>) and the Institut de Recherche pour le Développement (<http://www.ird.fr/>) in France. Mahidol University (<http://www.mahidol.ac.th/>) will be an official co-organizer of the meeting, which will be supported also by the French Embassy (<http://www.ambafrance-th.org/>). The MEEGID meetings are organized in synergy with the new journal Infection, Genetics and Evolution (Elsevier; <http://www.elsevier.com/locate/meegid>). Communications on genetics, genomics, proteomics, population biology, mathematical modelling, bioinformatics are welcome. They can deal with the host, the pathogen or the vector. Papers considering host/pathogen or pathogen/vector (co-evolution) are particularly encouraged. All pathogens are within the scope of MEEGID: viruses, parasitic protozoa, helminths, fungal organisms, prions. All infectious models can be considered, including those of veterinary or agronomical relevance. The papers accepted for MEEGID VIII will be published in a special issue of Infection, Genetics and Evolution, as already done for MEEGID VI (Paris, July 2002). Special emphasis will be given to health problems of special interest to Thailand and South-East Asia: avian flu, SARS, malaria, dengue. Contact: Michel Tibayrenc, MD, PhD, Editor-in-chief Infection, Genetics and Evolution (Elsevier), IRD representative in Thailand, IRD

Representative Office, French Embassy, 29, Thanon Sathorn Tai, Bangkok 10120, Thailand, email Michel.Tibayrenc@ird.fr, (secretary) ird_th@ksc.th.com, Website: <http://www.th.ird.fr>, <http://www.elsevier.com/locate/meegid>.

Note from the Editor

Send any items such as reports, meeting announcements, diagnostic riddles, position and grant announcements, or anything else deemed appropriate for the Supplement to the Journal of Wildlife Diseases or the WDA website, to Pauline Nol (Supplement Editor) at USDA/APHIS, National Wildlife Research Center, 4101 LaPorte Avenue, Fort Collins, CO 80521 USA, Ph: (970) 266-6126, Fax: (970) 266- 6157, Email: pauline.nol@aphis.usda.gov, or Michael Ziccardi (Website Editor) at Wildlife Health Center, University of California, Davis, CA, 95616, USA, Ph: (530) 754-5701, Fax: (530) 752-3318, Email: mhziccardi@ucdavis.edu. Files in Microsoft Word sent electronically or via disk are preferred, though submissions in any form are welcome. **MANY THANKS!**

—*Pauline*