



SUPPLEMENT TO THE JOURNAL OF WILDLIFE DISEASES

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Wildlife Diseases Newsletter

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President's Corner

Watcha Doin: Part Two. Well, I'm nearly half way through the second year of my two year term as your President. Council and the Committees have accomplished a great deal for the WDA. Through no small effort by the executive manager, Ed Addison, Council continues to have the luxury of well written briefing documents before they meet either in person as in Connecticut this year or over the phone this past spring and fall. At the same time, I believe that the two hardest working people in the whole of the WDA are our editors David Stallknecht and Buffy Howerth. They have worked tirelessly to get the Journal back on schedule and they are making great progress to get there! As always I am ever grateful to Council, Committees, and the Officers for all the time they put into the WDA. You are all volunteers and you often spend a great deal of your personal time on WDA issues. I want to specifically thank Todd Cornish, Helen Schwantje, and Claire Jardine who completed their terms on Council this year. I also welcome Dolores Gavier-Widen, Brad Elkin, and Leslie Reperant to Council.

Since I last reported Council doings to you, Council has held the Spring conference call (April 2006), the international conference in Storrs (August 2006), and the Fall conference call (December 2006). The annual Council meeting held the day before the beginning of the WDA Conference at the University of Connecticut in Storrs, was a lively and productive meeting. Pauline Nol (Supplement Editor) stepped in to cover secretarial duties for Margaret Wild and she did a terrific job. Because Council considered scores of issues and passed many motions during these three meetings, I will only present the highlights from these meetings.

The *Journal* is strong and with the January issue will be nearly back on schedule. Council had approved electronic software to assist the editors and authors with the submission, review and tracking manuscripts process. Initially there were some hurdles to overcome with this software but these issues have been resolved. Council has also approved the publication of a supplemental issue on avian influenza. This issue is a collection of papers presented by scientists attending an international meeting held in Rome which was sponsored by FAO and OIE. A few of the papers will be released on the WDA website in January. All of the papers will be published by the JWD with the FAO covering the publication expenses. This is a great opportunity for the WDA.

Both the *Supplement to the Journal* and the WDA website continue to grow and provide value-added benefits to the membership. The website averages 44 hits per day and through a greater integration with Allen Marketing Management and Allen Press allows members to submit journal articles, renew memberships, and conduct other Association business. There is no doubt that new members and prospective members know the WDA first through its website. How we "look" to potential members can make a big difference.

The WDA is fiscally strong. Various funds are growing through long standing investment strategies.

The Wildlife Disease Association does not regard the Supplement to the Journal of Wildlife Diseases (Wildlife Diseases Newsletter) as a citable publication and, therefore, it should not be referenced in the scientific literature.

We are due for an audit and Council elected to perform an internal audit of 2006 records this Association year. I will appoint an internal panel to audit the financial health of the Association. The 2007 budget has been developed by the Treasurer with input and assistance by the executive manager. Council sees the budget in the fall and passed it as proposed during the fall conference call. While there is a projected deficit, the estimated earnings and spending are very conservative as they have been in past budgets. So we will very likely again come out in the black. Council did raise annual membership fees \$10 for regular members but not students or associate members. They also raised subscriptions fees on a sliding scale based upon characteristics of the subscriber.

There has been considerable activity by Council concentrating on providing value-added benefits to the members. There are reasons for all this. First, it is the right thing to do. Second, by concentrating on the members and how to provide more for them, we solidify their interests in staying with us. Happy members talk to prospective members and get them to join. Council has also concentrated on supporting the Sections. Council passed motions that provide financial support to Sections. They have encouraged and then supported the establishment of student chapters as well. I would encourage our members in academic institutions to consider sponsoring student sections to get students involved as early as their undergraduate years. Council supported the African Section as they worked hard to hold a meeting this year. Council passed a very exciting motion to offer free electronic *Journal* access to countries in the two lowest economic categories as defined by the World Bank. This means the *Journal* will go to hundreds of universities, research groups and zoos around the world. The whole point is to get information out to people who can use it. Council also just passed a motion to subscribe to another service offered by HighWire Press. HighWire offers Research Alerts which is a system that notifies you via email when manuscripts about your selected interests become available. Currently, HighWire has over 1,000 titles including back-issues which represent over 4 million articles. More later on how to sign up.

In addition to the Officers and Council, committees play a critical role in the success of the WDA. Again, all of the committee members volunteer their time and it is amazing what everyone accomplishes. The Time and Place Committee as well as the local organizing committees have an ever more important role in providing value-added experience for members attending our annual meeting. The UCONN meeting this year and the planned meeting in Colorado this summer are great examples of how enriching meetings have become. Council, at the recommendation of the Time and Place committee, has approved meeting in Alberta, Canada for the 2008 meeting. The Promotions Committee has instituted press releases to announce WDA award winners in the local press where these recipients live. This brings attention to the recipients and the WDA. The Nominations committee provided a slate of candidates for President, Vice-President and two members of Council. As always, the Student Awards Committee has worked double-time to provide the opportunity for outstanding students in our field to contribute further to the science. Todd Cornish has asked to continue as the committee chair for another year and I have definitely accepted his offer.

The WDA and The Wildlife Society (TWS) have re-instated a memorandum of understanding between the two organizations. This agreement will provide the opportunity for the two organizations to interact at a greater level especially at meetings. I ask that the organizers of annual meetings of both organizations make a concerted effort to invite papers from each other so we can appreciate each other's perspectives and science.

The Tom Thorne and Beth Williams Memorial Award Fund is growing. Through the combined efforts of the WDA and the AAWV, monies from both organizations have been contributed to the Fund. Individual members and other organizations have contributed as well. The Fund Committee (members from WDA and AAWV) has worked hard to keep the Fund on track. I ask that those of you who receive honoraria for your presentations consider making that contribution to the Thorne-Williams Fund. Simply have the donor make the check to the WDA, and send the check to our Treasurer, Carol Meteyer. She will make sure the money gets in to the Fund and the WDA will provide you with a receipt. So far, the Committee has received two nominations for the first award. Margaret Wild has worked closely with the sculptor, Chris Schiller, to produce a bronze of a pair of black-footed ferrets. Council passed a motion to designate all of the funds made by the auction at this year's meeting in Colorado to go to the Tom Thorne and Beth Williams Memorial Fund. So, all the more reason to plan to attend the meeting this year in Colorado. It's gonna be a biggy!

I have not included all that has happened over the last three meetings in this President's Corner. Details are available in the minutes to these meetings, which I encourage you to read. Because I could not discuss everything, that means I have left out important work done by some of you. Please forgive this omission, your work means a great deal to the WDA. See you in Colorado!

—Scott D. Wright, President

WDA ACTIVITIES

We can be Proud to be Members of the Wildlife Disease Association—Our International Effort! Many reasons lead us to join the Wildlife Disease Association and one reason is to help each other towards our

shared mission “to acquire, disseminate, and apply knowledge of the health and diseases of wild animals in relation to their biology, conservation, and interactions with human and domestic animals”.

The *Journal of Wildlife Diseases* is our most important ‘tool’ that we use to fulfill our mission and production and distribution of the *Journal* is our most expensive activity. The majority of our revenue is from annual memberships and subscriptions. Until recently, our single biggest challenge has been that the journal costs too much for people from less economically developed countries to afford membership and hence receive the *Journal*.

Addressing this challenge in 2001–2002, we shipped 43 sets of the *Journal* to universities, research laboratories and resource management agencies in over 20 less developed countries. In 2005–2006, we sent an additional 14 partial sets of the *Journal* to Malaysia, India, Egypt, Mexico, Botswana, Indonesia, Argentina, Bolivia, Thailand, Uganda, South Africa, Eritrea, and Myanmar. They were partial sets because by this time our supply of back issues had been depleted.

In 2004, our late fellow member and Editor of the *Journal*, Beth Williams, led us into the age of electronic publishing and our very productive and rewarding relationship with **HighWire Press**, the organization that distributes the electronic form of the *Journal*. (There will be more about our special relationship with HighWire in future Supplements.) HighWire facilitated an agreement between the WDA and GOOGLE whereby GOOGLE funded the majority of the cost to create and make available in electronic form the previous 35 plus years of back issues of the *Journal*.

These *e-Journal* achievements provided new opportunities to realize our mission internationally. In August 2006, on behalf of the membership, our WDA Council voted to distribute free of charge the *e-Journal* (including the most recent issues) to 112 of the least economically developed countries of the world. These countries were chosen based on their Gross National Income [GNI] as classified by the World Bank. The countries included 54 with a GNI of \$825 or less and 58 with a GNI of \$826–\$3,255. Since that time, the World Bank has added Papua-New Guinea and Timor-Leste to their list of lower income economies. People in the countries with a GNI below \$3,255 comprise almost 74% of the world population! While internet access is limited in many of these countries at the present time, the *Journal of Wildlife Diseases* is now available to those with connections and ready and waiting as internet access becomes more available to others.

This was a cooperative project with funding made available from each of us as members of the WDA and also from our sustaining member, the **Wildlife Conservation Society-Field Veterinary Program (WCS-FVP)**. The encouragement and expertise of HighWire Press was also extremely important in this project being implemented!

We should all be proud of this accomplishment. As Dr. Billy Karesh, Director of the WCS-FVP said “Seeing the enthusiasm with which everyone pitched in to make this project succeed makes me feel honored to be a member of the Wildlife Disease Association!”

–Submitted by Ed Addison

The 56th Annual Meeting of the Wildlife Disease Association (WDA). Estes Park, CO, USA. August 12–17, 2007. The 56th Annual Meeting of the Wildlife Disease Association (WDA) will be held August 12–17, 2007 at the YMCA of the Rockies in Estes Park, Colorado, USA. The National Park Service and Colorado Division of Wildlife will host this year’s event. Keeping the world’s wildlife resources healthy is a laudable goal, but do we really have the knowledge, tools, and capability to successfully manage wildlife health? The WDA invites members and others interested in promoting wildlife health to attend a conference entitled “Wildlife health: Can we manage it?” This meeting will bring together wildlife managers, biologists, ecologists, and health professionals to discuss the challenges and opportunities facing wildlife health and its management in the 21st century. Special sessions on disease ecology, adaptive management, and new tools and technology for the study and control of health problems in natural populations will serve as foundations for a stimulating forum for developing insights and strategies focused toward keeping our valuable wildlife resources healthy for future generations. Who should attend and/or submit abstracts? Wildlife biologists, wildlife managers, veterinarians, epidemiologists, ecologists, parasitologists, molecular biologists, pathologists, microbiologists...Any professional with an interest in the management of wildlife health. Registration for the conference and YMCA lodging opens February 1, 2007. Early registration for the conference and YMCA lodging closes June 1, 2007. Deadline for abstracts submission is May 1, 2007. Online registration closes August 1, 2007. For more information visit: <http://wildlifedisease.org/2007.Conference/>.

Call for Nominations for the WDA Distinguished Service Award and the WDA Emeritus Award!! The WDA awards committee (Lynn Creekmore, Don Forrester, Steve Schmitt and Terry Creekmore) is seeking nominations for the Distinguished Service Award and the Emeritus Award. This is your opportunity help us provide recognition to deserving WDA members. Below is some information about these awards. This information as well as a list of past recipients also is posted on our website (<http://www.wildlifedisease.org>). Just click on the “About Us” tab and look under WDA Recognition and Awards. Please take a few minutes from your busy schedule to consider potential nominees. Nominations, including a CV, should be sent to Lynn Creekmore (lynn.h.creekmore@aphis.usda.gov) or to any of the other

committee members by March 15, 2007. The Distinguished Service (DS) Award is the highest award of the Wildlife Disease Association. The purpose of the DS Award is to honor a WDA member of long standing who, by his/her outstanding accomplishments in research, teaching and other activities, including participation in WDA affairs, has made a noteworthy contribution furthering the aims of the Wildlife Disease Association. The Emeritus Award confers Emeritus status, an honorary category of membership, to members of the WDA who have retired from their profession and who in the opinion of Council have contributed significantly to the study of wildlife diseases. Emeritus Award recipients will be considered full voting members who receive the Journal of Wildlife Diseases without further payment of dues.

WDA STUDENT ACTIVITIES

WDA STUDENT AWARDS COMPETITION - 2007

Each year the Wildlife Disease Association (WDA) sponsors student awards competitions. For 2007, students are encouraged to compete for four awards:

- 1) Graduate Student Research Recognition Award (judged by WDA Student Awards Committee)
- 2) Scholarship Award (judged by WDA Student Awards Committee)
- 3) Terry Amundson Student Presentation Award (judged by select members of the audience at the annual WDA conference), and
- 4) Student Poster Award (judged by select audience members at the annual WDA conference).

Criteria for judging of the awards are available on the WDA website at: http://www.wildlifedisease.org/Student_Awards.htm. Applicants for all awards MUST be Student Members of the WDA at the time applications or abstracts are received. Information on becoming a WDA Student Member can be found at: <http://www.wildlifedisease.org/membership.htm>. Applicants for the Graduate Student Research Recognition and Scholarship Awards also MUST be pursuing an advanced (graduate) degree at the time of application.

APPLICATION INSTRUCTIONS:

1. Wildlife Disease Association Graduate Student Research Recognition Award

DEADLINE: Applications must be *received* no later than April 20, 2007. This award is given to the student judged to have the best research project in the field of wildlife health/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 WDA conference. The student will be the featured speaker during the student presentation session at the conference. For consideration, applicants must submit 1 copy of the following documents (electronic submission as email attachment only, formatted as MS Word or PDF files):

- 1) A summary of their research (maximum of 10 pages double-spaced, typeface font 10 or larger, and 1" margins) structured as follows: Title, abstract, introduction, materials and methods, results, discussion, references, tables, and figures. The title page should be separate, and the 10-page limit applies only the title, abstract, introduction, materials and methods, results, and discussion.
- 2) A cover letter written by the applicant stating how the research relates to WDA objectives (see inside back cover of the Journal of Wildlife Diseases or the WDA website).
- 3) One letter of support from the faculty advisor indicating degree of student involvement in planning and execution of the research project.

Grounds for disqualification include:

- -Items missing.
- -Submissions received beyond deadline date.

2. Wildlife Disease Association Scholarship

DEADLINE: Applications must be *received* no later than April 20, 2007. This award acknowledges outstanding academic and research accomplishment, productivity, and future 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 percentile systems will receive priority. Students not scored on the 4.0 grade point system MUST include an official

explanation of the grade point or grade score system used at their institution and preferably provide a conversion to a 4.0 or percentile grade point average. The candidate should be committed to leadership, scholarship, and service in the wildlife health profession. To be considered, applicants must submit 1 copy of the following documents (electronic submissions as email attachment only, formatted as MS Word or PDF files):

- 1) All relevant collegiate transcripts. Transcripts can be official (i.e., with the imprint or official seal of the institution and signature of the responsible university officer) or copies signed by the student's faculty advisor.
- 2) Up to 2 letters of support, including a letter from the student's faculty advisor, that directly address the following specific abilities of the applicant: *academic achievement, scholarly promise, research ability, oral and written communications skills, industriousness, leadership abilities, judgment, and potential for contribution to the field of wildlife diseases*. Additional letters (> 2) will not be read or evaluated, and letters not directly addressing the above qualities will not score well.
- 3) A curriculum vitae demonstrating evidence of superior scholastic achievement and productivity (specifically list and describe coursework and all scholarships, awards, publications, and presentations).

Grounds for disqualification include:

- -Items missing.
- -Submissions received beyond deadline date.

3. Wildlife Disease Association Terry Amundson Student Presentation Award

DEADLINE: TBA (the deadline for abstract submissions will correspond with the deadline for general abstract submissions for the annual WDA conference). This award acknowledges outstanding oral presentation of research findings at the annual WDA conference. 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 conference audience in the student presentation session. Students wishing to be considered for the award MUST submit a presentation abstract following the guidelines in the "Call for Abstracts/Papers" to both the Scientific Program Chair for the annual conference and to the Chair of the Student Awards Committee (contact information below), clearly identifying the abstract as a student submission to be considered for the oral presentation award. Candidates will be scored on the following criteria:

- -Quality, innovation, and impact of science
- -Quality of visual aids
- -Delivery and style
- -Relevance to management of wildlife/ecosystem health

4. Wildlife Disease Association Student Poster Award

DEADLINE: TBA (the deadline for abstract submissions will correspond with the deadline for general abstract submissions for the annual WDA conference). This award acknowledges the best student poster detailing a wildlife disease or wildlife health research project presented at the annual WDA conference. This award is not presented every year, but will be presented at the 2007 WDA conference in Estes Park, Colorado. The winner receives \$250 US and a plaque. To be considered the student MUST submit a poster abstract following the guidelines in the "Call for Abstracts/Papers" to both the Scientific Program Chair for the annual conference and to the Chair of the Student Awards Committee (contact information below), clearly identifying the abstract as a student submission to be considered for the poster award. Candidates will be scored on the following criteria:

- -Quality, innovation, and impact of science
- -Organization and layout of poster
- -Quality and style of text, figures, and images
- -Relevance to management of wildlife/ecosystem health

All four awards are non-renewable and each award may be received only once by a given candidate. Submit applications electronically as email attachments to:

Dr. Todd Cornish – Chair, WDA Student Awards Committee; Email: tcornish@uwyo.edu; Mail address and telephone number for inquiries only: Wyoming State Veterinary Laboratory; University of Wyoming; 1174 Snowy Range Road; Laramie, WY 82070 USA; (307) 742-6638.

HAPPENINGS IN THE FIELD

USGS National Wildlife Health Center's Quarterly Wildlife Mortality Report

Quarterly Wildlife Mortality Report

July 2006 to September 2006

State	Location	Dates	Species	Mortality	Diagnosis	Reported by
AK	Aleutians West	09/01/06–09/01/06	Short-Tailed Shearwater	5,000	Open: trauma suspect	NW
AK	Valdez-Cordova	08/26/06–09/05/06	Pacific-slope Flycatcher Fox Sparrow Wilson's Warbler Hermit Thrush Savannah Sparrow	300 (e)	Trauma: impact	NW
AZ	Cochise	06/20/06–07/15/06	House Finch	20 (e)	Open	NW
CA	Delevan NWR	09/01/06–10/25/06	Mallard American White Pelican Pied-Billed Grebe American Wigeon Gadwall	16	Botulism type C	NW
CA	Klamath Basin NWR	07/18/06–10/07/06	Northern Pintail Mallard American Coot	12,000 (e)	Botulism type C	NW
CA	Sacramento NWR	07/31/06–10/25/06	Mallard Northern Shoveler American White Pelican Double-Crested Cormorant Northern Pintail	327	Botulism type C	NW
CA	San Diego Bay	07/15/06–08/31/06	Sanderling Western Gull Western Sandpiper	10 (e)	Botulism type C	NW
CA	Salton Sea NWR	08/14/06–09/01/06	Cattle Egret	100 (e)	Open	NW
FL	Boca Raton	07/12/06–08/01/06	Unidentified Duck	10 (e)	Open	KDL
FL	Jacksonville	09/10/06–ongoing	Eastern Brown Pelican	14 (e)	Toxicosis suspect	KDL, UFL
FL	North Miami Beach	09/04/06–ongoing	Muscovy Unidentified Egret Unidentified Heron White Ibis Tri-Colored Heron	48	Botulism suspect	KDL
GA	Robins AFB	08/01/06–08/31/06	Muscovy Mallard	10	Botulism suspect	NW
ID	Boise	07/07/06–09/01/06	Western Gray Squirrel Fox Squirrel	1,500 (e)	Viral Infection: West Nile	ID, NW
IN	Ft. Wayne	07/20/06–09/15/06	Mallard	32	Botulism type C	NW, PUL
IN	Lake Shafer	08/08/06–08/08/06	Canada Goose Mallard	8	Toxicosis: diazinon Toxicosis: organophosphorus compound Toxicosis: CHE inhibiting compound	NW, PUL
MA	Cape Cod National Seashore	07/27/06–08/18/06	Common Tern	625 (e)	Salmonellosis	NW, TU
MD	Poplar Island	08/27/06–09/26/06	Laughing Gull Semipalmated Sandpiper Mallard Greater Yellowlegs Unidentified Gull Common Sandpiper	132	Botulism type C	NW
ME	Stratton Island	07/24/06–08/01/06	Common Tern Least Tern	330 (e)	Open: emaciation	NW
MI	Canton	07/23/06–07/31/06	Mallard	10 (e)	Botulism type C	MI
MI	Dutch Village	07/18/06–07/20/06	Mallard	25 (e)	Botulism type C	MI

Quarterly Wildlife Mortality Report

July 2006 to September 2006

Continued

State	Location	Dates	Species	Mortality	Diagnosis	Reported by
MI	Gibraltar Bay	06/26/06–07/28/06	Mudpuppy Salamander	300 (e)	Open	NW
MI	Lake Michigan	09/03/06–09/24/06	Horned Grebe Common Loon Unidentified Merganser Red-Necked Grebe	2,600	Botulism type E	MI, NW
MI	Three Oaks	09/08/06–09/29/06	American Goldfinch House Finch	13	Open	MI
MN	Lac qui Parle WMA	06/15/06–09/01/06	American White Pelican Double-Crested Cormorant Ring-Billed Gull Canada Goose	3,150 (e)	Viral Infection: West Nile	NW
MN	Otter Tail	08/20/06–08/30/06	Mallard Blue-Winged Teal Wood Duck	225 (e)	Open: botulism suspect	NW
MN	Sturgeon Lake	06/21/06–11/15/06	House Finch American Goldfinch Purple Finch Unidentified Pigeon Unidentified Woodpecker	125 (e)	Bacterial infection suspect	NW
MT	Bowdoin NWR	08/25/06–09/06/06	Mallard American Coot Northern Shoveler Unidentified Grebe	100 (e)	Botulism type C	NW
MT	Bozeman	07/01/06–07/02/06	Evening Grosbeak	3	Open: emaciation	NW
MT	Bowdoin NWR	07/20/06–09/06/06	American White Pelican	45	Viral Infection: West Nile	NW
MT	Medicine Lake NWR	07/25/06–08/25/06	American White Pelican	1,000 (e)	Viral Infection: West Nile	NW
MT	Medicine Lake NWR	08/10/06–09/06/06	Great Blue Heron Northern Shoveler Ring-Billed Gull California Gull American Coot	1,250 (e)	Botulism type C	NW
ND	Chase Lake NWR	07/24/06–08/25/06	American White Pelican	953	Viral Infection: West Nile	NW
ND	Ramsey	08/07/06–09/10/06	Unidentified Shorebird Semipalmated Sandpiper Lesser Yellowlegs Mallard Gadwall	400	Open	NW
ND	Grand Forks	08/14/06–09/15/06	Mallard Laughing Gull Northern Shoveler Gadwall	450	Botulism type C	NW
ND	Grand Forks	06/26/06–07/31/06	Canada Goose Unidentified	86 (e)	Viral Infection: West Nile	NW
ND	Harriet Lake	09/15/06–11/02/06	Northern Shoveler Lesser Yellowlegs	25 (e)	Botulism type C	NW
ND	Horsehead lake	07/20/06–08/25/06	Franklin's Gull Ring-Billed Gull Northern Pintail Mallard American Avocet	60 (e)	Botulism type C	NW
ND	Nelson	08/01/06–09/01/06	Northern Shoveler Mallard Semipalmated Sandpiper	80 (e)	Botulism type C	NW
ND	Swan Lake	08/15/06–09/15/06	American Coot Unidentified Waterfowl Canada Goose Mallard Western Grebe	30 (e)	Open	NW

Quarterly Wildlife Mortality Report

July 2006 to September 2006

Continued

State	Location	Dates	Species	Mortality	Diagnosis	Reported by
NM	Rio Rancho	06/20/06–07/12/06	Mallard	100 (e)	Botulism suspect	NMV
NV	Anaho Island NWR	07/14/06–08/15/06	American White Pelican Virus suspect	75 (e)	Viral Infection: West Nile	NV, NW
NV	Carson Lake	08/30/06–09/15/06	Northern Shoveler Gadwall Northern Pintail	146	Botulism suspect	NV
NV	Stillwater NWR	07/14/06–07/20/06	American White Pelican	24	Viral Infection: West Nile	NW
NV	Stillwater NWR	07/17/06–09/10/06	Mallard Ruddy Duck Redhead Green-Winged Teal American Coot	200 (e)	Botulism type C	NW
NY	Huntington Wildlife Forest	06/27/06–07/18/06	Wood Frog Spotted Salamander	400 (e)	Viral Infection suspect	NW
NY	Little Galloo Island	07/05/06–09/04/06	Caspian Tern Ring-Billed Gull Double-Crested Cormorant Herring Gull Great Black-Backed Gull	620 (e)	Botulism type C	COR, NW, NY, PA
NY	Saratoga	09/15/06–09/17/06	Hudsonian Godwit	40	Trauma: power line collision	NW, NY
OH	Dayton	07/10/06–07/28/06	Mallard Domestic	35 (e)	Botulism type C	NW
OR	Malheur NWR	08/21/06–08/28/06	Green-Winged Teal Northern Pintail	7	Botulism type C	NW
OR	Malheur County	08/07/06–09/16/06	Sage Grouse	69	Viral Infection: West Nile	NW
PA	Northampton	08/01/06–08/31/06	Mallard	40 (e)	Botulism type C	PA
PA	Norristown	08/20/06–08/21/06	American Black Duck Domestic Duck Mallard	33	Botulism type C	NW, PA
PR	Toa Alta	02/01/05–09/15/06	Eastern Brown Pelican	12 (e)	Botulism type C	NW
SD	LaCreek NWR	08/17/06–09/01/06	Mallard Green-Winged Teal	200 (e)	Botulism type C	NW
SD	Sand Lake NWR	08/27/06–09/15/06	Blue-Winged Teal Semipalmated Sandpiper Violet-Green Swallow Marbled Godwit Lesser Yellowlegs	150 (e)	Botulism type C	NW
SD	Waubay WMD	07/19/06–08/21/06	American White Pelican	1,500 (e)	Viral Infection: West Nile	NW
TX	Houston Zoo	08/31/06–10/01/06	Wood Duck Nene Goose Black-Bellied Tree Duck (Whistling)	30 (e)	Botulism type C	NW
UT	Bear River MBR	08/01/06–10/01/06	Green-Winged Teal Northern Shoveler Northern Pintail American Wigeon Mallard	2,500 (e)	Botulism type C	NW
UT	Farmington Bay	07/01/06–10/01/06	Black-Necked Stilt Wilson's Phalarope American Coot American Wigeon Northern Pintail	15,000 (e)	Botulism type C	NW, UT, NVL
UT	Ouray NWR	09/01/06–10/01/06	Green-Winged Teal Mallard Northern Pintail American Coot Northern Shoveler	250 (e)	Botulism type C	NW

Quarterly Wildlife Mortality Report

July 2006 to September 2006

Continued

State	Location	Dates	Species	Mortality	Diagnosis	Reported by
UT	Great Salt Lake	09/15/06–10/15/06	Northern Shoveler Green-Winged Teal American Avocet Semipalmated Plover Gadwall	5,000 (e)	Botulism type C	NW
VA	Sandy Island	08/05/06–09/15/06	Laughing Gull Great Black-Backed Gull Sanderling	10 (e)	Botulism type C	NW
WA	Moses Lake	05/11/06–05/11/06	Canada Goose	39	Toxicosis: organophosphorus compound suspect	NW
WA	Centralia	08/25/06–09/15/06	Barn Swallow	15 (e)	Open: emaciation	NW
WA	Mount Rainier NP	07/27/06–08/17/06	Northwest Salamander	85	Open	NW
WI	Cat Island, Green Bay	07/15/06–07/30/06	American White Pelican	48 (e)	Viral Infection: West Nile	NVL, NW
WI	Cat Island, Green Bay	07/15/06–09/14/06	Unidentified Gull Double-Crested Cormorant Caspian Tern Unidentified Egret	1	Salmonellosis	NVL, NW
WI	Madison	09/05/06–09/05/06	Tennessee Warbler Red-Eyed Vireo Ovenbird Black-And-White Warbler Cape May Warbler Magnolia Warbler Connecticut Warbler Chestnut-sided Warbler	20	Trauma: tower strike	WI
WI	Green Bay Wildlife Sanctuary	08/09/06–08/31/06	Mallard	100 (e)	Botulism type C	NW
WI	Horicon NWR	08/02/06–08/11/06	American White Pelican	6	Viral Infection: West Nile Virus suspect	NW
WI	Lake Onalaska	09/01/06–ongoing	American Coot Blue-Winged Teal Unidentified Scaup Northern Shoveler Mallard	4,000 (e)	Parasitism suspect	NW
WI	Pilot Island, Green Bay	07/30/06–09/14/06	Double-Crested Cormorant Unidentified Gull	39 (e)	Newcastle Disease Virus	NVL, NW
WY	Campbell County	08/01/06–08/08/06	Desert Cottontail Rabbit	18	Open	NW
WY	Coyer Reservoir Quad	07/15/06–10/01/06	Black-Billed Magpie Desert Cottontail Rabbit	50	Open	NW
Update:						
CA	Kern NWR	06/03/06–09/15/06	American Coot Unidentified Waterfowl Mallard Gadwall White Ibis	3,000 (e)	Botulism type C	NW

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

Cornell University (COR), Idaho Wildlife Health Laboratory (ID), Kissimmee Diagnostic Laboratory (KDL), Michigan Dept. of Natural Resources (MI), National Veterinary Services Laboratory (NVL), National Wildlife Health Laboratory (NW), Nevada Division of Wildlife (NV), New York State Dept. of Environmental Conservation (NY), Pennsylvania Game and Parks Commission (PA), Purdue University An-

imal Disease Diagnostic Laboratory (PUL), Tufts University (TU), University of Florida (UFL), USGS National Wildlife Health Center (NW), Utah Veterinary Diagnostic Laboratory (UT), Wisconsin Dept. of Natural Resources (WI).

Written and compiled by:

Kathryn Converse - Western 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

The European Student Chapter of the Wildlife Disease Association

Are you a graduate or an undergraduate student interested in wildlife? Do you study veterinary medicine, biology or another study related to research and wildlife? Then why not join the EWDA Student Chapter! The objective of the chapter is to promote shared knowledge between established researchers and wildlife disease students, to connect people so international relationships can be formed and to enhance skills of wildlife disease students. The *EWDA discussion E-list* ([://groups.yahoo.com/subscribe/EWDA_discussion](http://groups.yahoo.com/subscribe/EWDA_discussion)) gives you the latest news about wildlife health and diseases, job opportunities and forms a platform to discuss hot wildlife topics. The *EWDA Student Workshop* offers a unique opportunity to meet renowned scientists, to extend your international network and learn about wildlife research in a special way. The *EWDA Electronic Journal Club* is just starting, but will become an up-to-date list of recent references on wildlife diseases and disease ecology as they get published in the literature. If you want to do more: become a *country representative*! They disseminate information about the EWDA Student Chapter to wildlife disease students in the representative's country and promote the involvement of wildlife disease students from their country in the EWDA Student Chapter activities. **Whether you are undergraduate, MSc, PhD or post-doc, become a EWDA Student Chapter member!** Registration is free, and can be done at the student page of the EWDA (www.ewda.org)

- *Miriam Maas, EWDA Student Representative* (M.Maas3@students.uu.nl)

Second EWDA Student Workshop *Wildlife conservation and the threat of infectious diseases, Sithonia (Halkidiki), Greece 26–29, April 2007.* We would like to invite veterinary and non-veterinary students interested in wildlife research to the second EWDA workshop. After the success of the first EWDA Student Workshop, the second one will be organized in Greece, April 2007! The EWDA Student Workshop aims at giving students undertaking studies on wildlife diseases, the opportunity to meet and share the experience of the established scientists involved in wildlife disease research worldwide. Students currently doing a PhD on wildlife are invited to present a poster. The theme, *Wildlife conservation and the threat of infectious diseases*, will be the starting point for the oral communications and student working sessions in which many renowned speakers will add their own personal experience to this subject. The workshop will start with a field trip related to the workshop's theme to meet in a relaxing environment. The second and third day will consist of oral communications, student working sessions, poster presentations and discussions. Topics include: TB in Kruger, Iberian lynx conservation, and Avian Influenza. This all will happen in the comfortable surroundings of Sithonia, close to Thessaloniki, Greece. Are you interested in the workshop? Please find more information from January 2007 at www.ewda.org. Organising committee: Contact address: Miriam Maas, Faculty of Veterinary Medicine of the University of Utrecht, tel: +31 (0)648313871, email: M.Maas3@students.uu.nl

EWDA WEBSITE - www.ewda.org Visit the EWDA website at www.ewda.org and find information on conferences, (in particular the September 2006 conference in Aosta, Italy) members' interests, publications and lots more. The website is kindly provided free of charge by the UK Central Science Laboratory. We are 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.

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.defra.gsi.gov.uk *Fax* ++44(0)-1768-885314 /*phone* ++44(0)-1768-885295.

NEWS FROM THE NORDIC SECTION

The WDA Nordic Section will hold its Annual meeting on Svalbard, June 25–28, 2007. Anyone interested in attending should contact Knut Madslie, knut.madslie@vetinst.no, for more information. Information about Svalbard can be found on www.svalbard.net.

NEW FROM THE AUSTRALASIAN SECTION

Highlights from the Annual General Meeting, 28th September 2006, Naracoorte Caves National Park, South Australia

Chairperson's report: I was contacted a few months ago by an ABC radio journalist based in Tasmania who had accessed our website and was concerned by the fact that we had no state representative listed for Tasmania (although this situation has since changed). During the subsequent radio interview I was asked what disease issues other than devil facial tumour disease were facing Tasmanian wildlife and how our association kept abreast of wildlife disease issues within this state without an active representative. The journalist also raised the issue of the relative lack of finances committed to wildlife disease investigation, surveillance and management. The conversation with this journalist highlighted a number of issues. Firstly, the need for state (and New Zealand) representatives to provide some continuity in a country in which we are all familiar with the tyranny of distance. I believe that many of us are well aware of wildlife health and disease issues within our own state, yet our knowledge of the work being carried out in other states is often patchy with the annual conference frequently providing the only opportunity to catch up with our colleagues. This is where I see state representatives playing an important role; through regular contributions to the quarterly newsletter we can have a much more rounded perspective of the work performed nationally and internationally by our members. Additionally, particularly where students are concerned, our state representatives potentially offer a local and familiar face as the first point of contact for the association. The second issue raised by this conversation was the notion of a more active and broader role for the association as a body of experienced wildlife disease professionals. While many of our members are at the forefront of wildlife disease work throughout Australia and New Zealand and as individuals working for both public and private organisations, the association has rarely commented or been asked to comment on wildlife disease issues. Should we play a more vocal role as an association with expertise in wildlife disease and if so how best to do this? I believe that the capacity is certainly there and the Fenner Conference on the Environment, Wildlife Health Workshop hosted by the WDA at the Australian Academy of Sciences in Canberra last year, provides a good example of a means by which we can lend our support to the ongoing development of wildlife disease surveillance in Australasia. It's certainly a notion that warrants further consideration and debate.

All members should have received, in February, a copy, either electronically or by post, of a proposed motion regarding the relationship between the geographic section and the international parent body for consideration and voting on. Forty-five votes were returned with forty-four of these in support of the motion and one against. While the voter turnout was a little disappointing (representing votes from only about a quarter of our membership) this sample would appear to indicate overwhelming support for the motion and on this basis the motion is considered to have passed. The upshot of all of this is that from here on in there will be no need to pay Australasian section membership dues. The Australasian section has joined up everyone who was not already a member of the "parent body" of the WDA as an Associate member for 2006. All new members should have received a letter from Scott Wright, the "parent body" president in recent weeks welcoming them to the Association. To renew your membership for 2007 you will need to pay your dues, in the membership category of your choice, directly to the parent body. There are several options for doing this and all are listed on the website. The geographic section will remain as is and members will continue to receive our quarterly newsletter and other benefits of Australasian section membership. This transition has been several years in the making and my heartfelt thanks go out to all those who have contributed to the process and offered comments and constructive criticism along the way. In particular Ed Addison, Torsten Morner, Scott Wright, and Tonie Rocke are acknowledged for their understanding, support, and patience as the best way to effect these changes has been thrashed out. Thanks also to Maria Cardoso for the time and effort she has put into the financial and record keeping aspects of the transition. Please do not hesitate to contact me if you are in anyway uncertain how these changes affect you.

Finally after three years in our respective positions Maria and I will be standing down after this year's AGM, therefore nominations for the positions of chairperson, secretary and treasurer are sought. So if you are interested in contributing to your association now is the time to step forward.

-Tim Portas, Chairperson, WDA Australasian section

Section Annual Research Awards: There were 7 applicants for the WDA Australian Section research grant awards this year, all from females. Proposed projects included lead toxicity in New Zealand wildlife, ecology of disease in New Zealand frogs, chemical characterisation of chytrid isolates, evaluation of

techniques for detection of chlamydiosis, and managing populations with devil facial tumour disease. The veterinary award went to Bonnie McMeekin for her project investigating the effectiveness of a range of medications and disinfectants against *Batrachochytrium dendrobatidis* over the period of metamorphosis. The biological/ecological award went to Stephanie Godfrey for her project on the social structure and parasite transmission in the Tuatara, *Sphenodon punctatus*.

Conditions of the Awards are: i) applicant must be a WDA Australasian Section member; ii) the monies are to be used to fund the project and not for salaries; iii) results of the work are to be presented at an annual meeting of the Section; iv) the Section is to be acknowledged in any publication of results.

Australian registry of wildlife health report: The Australian Registry of Wildlife Health celebrated its 20th anniversary this year. Our aim is to contribute to the field of wildlife health surveillance for the benefit of human health, domestic animal health, the agroecology, biodiversity conservation, and wildlife welfare and management in Australia. We celebrate the ongoing operation of the Registry as a resource centre containing information relating to healthy and diseased native fauna and zoo animals. The Registry is also a diagnostic centre, investigating outbreaks of sudden death or disease on behalf of wildlife managers, conservation departments, threatened species programs, wildlife rehabilitation groups, the RSPCA, and zoos. Achievements of the Registry over the last year include:

- Printing an additional 300 copies of the Wildlife Health Investigation Manual. The manual has been in high demand and we continue to receive orders from wildlife caregivers, veterinarians, wildlife managers, and bulk orders for the field veterinarians of many of the state agriculture departments. A total of almost 450 copies of the manual have already been distributed. The reprint was funded through the financial support of the Commonwealth Department of Agriculture, Fisheries and Forestry
- Digitisation of the Registry's 35 mm photographic archive. This digital image library will now be accessible and linked to the related case information in the Registry's archival software. The project was funded through the financial support of the Commonwealth Department of Agriculture, Fisheries and Forestry
- Preparation of a Sick and Dead Bird Health Surveillance Protocol. This document was written to assist in occupational health and safety relating to handling sick birds, triggers for the initiation of a disease investigation, contact details for disease notification, and methods to collect appropriate information and samples to aid an investigation. The document has been well received and is being employed by the Registry, the Florida Department of Fish and Game, and the United Nations Food and Agriculture Organisation.
- Disease investigations have taken up a significant number of resources of the Registry this year:
 - Ongoing investigations into snake viral diseases
 - Ongoing investigation of *Angiostrongylus cantonensis* infection in tawny frogmouths in the Sydney region
 - Investigation of an outbreak of concurrent chlamydiosis, circovirus infection, and possible polyomavirus infection in sulphur-crested cockatoos from the western NSW region.
 - Outbreak investigation into the sudden deaths of pelicans and a black swan from Sydney's Centennial Park
 - Outbreak investigation into the paralysis of 5 Ibis from the Southern Sydney Region
 - Investigation into the mass mortality of magpies, currawongs, ravens, and possibly a smaller number of other species Feb - April 2006, predominantly along the Central Coast and greater Sydney region of NSW. Other possible related cases occurred in Healesville - Victoria, Byron Bay, Coffs Harbour, Lismore, Bateman's Bay, and southern QLD.
 - Assisting DPIWE with the investigation of high nestling mortality among captive Orange-bellied parrots.
 - Assisting the Department of Environment and Heritage in the investigation of the presence of viral pathogens in a group of confiscated conures and Ruppell's parrots.
 - Attempting to confirm the presence of polyoma virus infection among finches and other species, using molecular diagnostic techniques. There seems to be abundant anecdotal evidence of the presence of avian polyomavirus infection in Australia and a dearth of literature.

Karrie Rose will be on maternity leave over 2006/2007. Dr. Cathy Shilton has graciously offered to take up the role of acting Registrar for the first 6 month period. We are currently advertising for a Registrar for an additional 6 month period (December - May). Please contact Dr. Larry Vogelnest 02-9978-4618 if you are interested in applying for this position. Jane Hall continues in the role of Information and Resource Coordinator. Jane is available to answer your queries on jhall@zoo.nsw.gov.au. Sincere thanks go out to all the members of the WDA to the activities and contributions to the archives of the Registry over the past year.

Best Wishes, Karrie

WDA Australasian Section Conference 2007. The 2007 WDA Australasian Section meeting will be held 22–28 September, 2007 at the Lions Dryandra Woodland Village in Western Australia, just 164km south-east of Perth. It will be a great opportunity to see amazing marsupials such as bilbies, numbats, woylies and many others. Make sure to mark it in your diary and stay posted for further details in the new year. For more information please visit <http://www.dryandravillage.org.au/>

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 Pam Whiteley, 1 Brinsley Road, Camberwell, VIC 3124, Australia; Ph: 61-3-98825608; FAX: 61-3-98823054; Email: pwhitele@bigpond.net.au

European Section. For information regarding the European Section, contact Dolores Gavier-Widén; Division of Wildlife Fish and Environment, SVA (National Veterinary Institute), SE 751 89 Uppsala, Sweden; Ph: 46-18-674-215; FAX: 46-18-30-91-62; Email: dolores@sva.se

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.

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 Hwy., Dallas, Texas 75203-2996.

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 sev-

eral 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.

International Meeting on Emerging Diseases and Surveillance. Vienna, Austria. February 23–25, 2007. The International Meeting on Emerging Diseases and Surveillance (IMED 2007) will be held in Vienna, Austria, February 23–25, 2007. This meeting is being co-sponsored by ProMED, the European CDC, the OIE (World Organisation for Animal Health), the WHO Regional Office for Europe, and the European Commission. IMED 2007 will bring together leaders in human and veterinary medicine and public health, epidemiology and surveillance, emergency preparedness, microbiology and other related disciplines to help improve our abilities to detect, monitor, and respond to emerging disease threats. The meeting will embrace the “One Medicine” concept, recognizing that, just as diseases reach across national boundaries, so do they cross species barriers. We therefore welcome the full participation of both the human and animal health communities. 2007, the year that the revised International Health Regulations will be fully implemented, is a highly fitting time to address the implementation of these broadly reaching regulations and to understand their implications for the surveillance of emerging diseases. Centrally located in Europe, the beautiful host city of Vienna is rich in history and culture. IMED 2007 will be organized by the International Society for Infectious Diseases, which has over 20 years experience in planning and implementing international biomedical meetings. With outstanding plenary speakers, symposia by expert panels, and invited abstracts, IMED 2007 is certain to be the year’s major conference for those involved in the study, detection, and monitoring of emerging pathogens and to those in the front lines of response. Please visit the IMED 2007 website <http://imed.isid.org> for more details and to take advantage of discounted early registration. Abstracts are invited and online abstract submission is available now.

International Congress on Advances in Zoo and Wild Animals Health and Management and Symposium on “Impact of Disease on Conservation of Wild Animals on April 26–27, 2007. Faculty of Veterinary Sciences and Animal Husbandry, Sher-e-Kashmir University of Agricultural Sciences and Technology-Jammu, (J&K), India in collaboration with Association of Indian Zoo and Wildlife Veterinarians is organizing an International Congress on “*Advances in Zoo and Wild Animals Health and Management*” and Symposium on “*Impact of Disease on Conservation of Wild Animals*” on April 26–27, 2007. On be-

half of organizing committee, I extend my cordial invitation to attend the said conference. For detail kindly visit our website wildlifeinternational.6te.net. In addition, we are also in the process of assigning the expert / invited lectures for presentation in the congress. A. K. Srivastava, Dean, F.V.Sc & AH & Organizing Secretary.

43rd International Symposium on Diseases of Zoo and Wild Animals. Edinburgh, UK, May 16th – 20th, 2007. On behalf of the exotic animal service at the University of Edinburgh, Edinburgh zoo and the Leibniz Institute of Zoo and Wildlife Research (IZW) we are pleased to extend a very warm invitation to you to participate in its 43rd International Symposium on Diseases of Zoo and Wild animals (16th – 20th of May 2007) in Edinburgh, UK. The focus of the Conference will be symposia on the following topics: 1. Advances in reproductive technology 2. Aquatic bird medicine and conservation 3. Neonatology - rearing and disease 4. Nocturnal animals -husbandry, disease and conservation 5. Infectious disease of ungulates. The social program will allow delegates to sample the food, drink and culture and natural heritage of Scotland. For detailed conference information and registration: <http://www.vet.ed.ac.uk/news.htm>

56th Annual Meeting of the Wildlife Disease Association. Estes Park, Colorado, USA. August 12–17, 2007. The 56th Annual Meeting of the Wildlife Disease Association will be held August 12–17, 2007 at the YMCA of the Rockies in Estes Park, Colorado, USA (See WDA ACTIVITIES in this issue for details). Registration for the conference and YMCA lodging opens February 1, 2007. Early registration for the conference and YMCA lodging closes June 1, 2007. Deadline for abstracts submission is May 1, 2007. Online registration closes August 1, 2007. For more information visit: http://wildlifedisease.org/2007_Conference/.

Annual conference of the American Association of Zoo Veterinarians. Knoxville, TN, USA, October 20–26, 2007. The American Association of Zoo Veterinarians will hold its annual conference in conjunction with the American Association of Wildlife Veterinarians and the Nutrition Advisory Group in Knoxville, Tennessee in October, 2007. Topics for sessions will include Anesthesia/Analgesia, Avian, Balancing Life and Zoo/Wildlife Medicine, Contraception/Reproduction, Carnivores/Small Mammals, Case Reports, Ectotherm Medicine, Emerging/Infectious Diseases, Large Mammals, Media Relations/Animal Rights/Animal Welfare and the Law, Nutrition, Pathology, Primates, Toxicology/Pharmacology/Therapeutics, and Wildlife Health and Conservation. A poster session, workshops and wet labs, and a Cutting Edge speaker will also be included. Those wishing to submit a title to be considered for presentation at this joint annual meeting are asked to complete a title submission form and e-mail, mail, or fax completed forms to the appropriate session chair. Session chairs and title forms are posted at <http://www.aazv.org>, and <http://www.aawv.net> and <http://nagonline.net>. **The deadline for submission of titles to session chairs is 16 February 2007.**

Annual meeting of the American Association of Wildlife Veterinarians. Knoxville, TN, USA, October 20–26, 2007. The American Association of Wildlife Veterinarians will hold its annual meeting in conjunction with the American Association of Zoo Veterinarians in Knoxville, Tennessee during 20–26 October, 2007. The AAWV will be chairing sessions on Wildlife Health and Conservation (Dr. Jonathan Sleeman), Toxicology, Pharmacology and Therapeutics (Dr. Jim Sikarskie), as well as co-chairing sessions on Anesthesia and Analgesia (Dr. Bill Lance) and Emerging and Infectious Diseases (Dr. Terra Kelly). In addition, we will host a Chronic Wasting Disease Workshop, sponsor a Cutting Edge Speaker, and conduct our Annual Business Meeting. We encourage you to submit titles to be considered for presentation. Please find with this letter, the call for papers, title submission form (with detailed instructions), and the list of session chairs. This promises to be an excellent program, and a great opportunity to connect with colleagues from both organizations. If you have any questions about submitting a title or the forthcoming meeting, please do not hesitate to contact our Vice-President, Jonathan Sleeman (jonathan.sleeman@dgif.virginia.gov).

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: mhzciccardi@ucdavis.edu. Files in Microsoft Word sent electronically or via disk are preferred, though submissions in any form are welcome. **MANY THANKS!**

—Pauline