

# AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS

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## AAAP WINTER NEWSLETTER

February 14, 1986

### Enclosures for your review include:

1. Avian Influenza Update
2. Tentative AVMA Avian Medicine Section & Symposium Programs
3. Memorandum from Dr. David Anderson, Editor of AVIAN DISEASES
4. Nomination Reminder for AAAP Service Award and Upjohn Achievement Awards
5. News release on vaccination of pigeons for PMV-1
6. Other Meeting Announcements (NECAD, PAAV, NCADC & WPDC)
7. The George A. Nicholas Memorial Fellowships
8. Position Announcements
9. New AAAP Members
10. Directory Changes
11. AVMA Housing Reservation Form
12. Delta Airline Brochure

### 1986 AVMA Meeting in Atlanta

The tentative AVMA Avian Medicine Section Program and the "Current Problems Symposium" Program have been developed and are enclosed for your review.

Thirty (30) posters and fifty-four (54) oral papers will be presented in Atlanta.

Coffee and danish will again be available in the poster room each day at 7:30 a.m.

### AVMA HOUSING RESERVATION FORM is attached.

We have elected the Downtown Marriott as the AAAP hotel, if you wish to stay with the group. The single or double rate is \$65 which is \$15-\$20 cheaper than other hotels. Send in your registration EARLY to be assured of a room there, otherwise you may have to spend more money at other hotels.

AVMA MEETING REGISTRATION FORMS will be mailed to all AVMA members in good standing. ASSOCIATE MEMBERS OF AAAP SHOULD WRITE TO:

Mr. Russ Rongren  
Convention Manager  
American Veterinary Medical Association  
930 North Meacham Road  
Schaumburg, IL 60196-1074

to obtain these forms. ALL AAAP MEMBERS PLEASE register under the Avian Medicine Category.



### Reduced Airfares to Atlanta

You may want to compare the Delta airfares to Atlanta. See the attached Delta brochure.

### Awards

The Awards Committee needs nominations for the Special Service Award and the Upjohn Achievement Award. Details of these awards and how to nominate individuals are attached. Please help the Committee select the most deserving AAAP member by taking time to send in nominations NOW. The deadline is April 1, 1986. Nominations should be sent to:

Dr. Bruce Calnek  
Dept. of Avian & Aquatic Animal Medicine  
NYS College of Veterinary Medicine  
Cornell University  
Ithaca, NY 14853

### Avian Influenza Alert

Influenza A virus subtype H5N2 is again causing disease in poultry flocks in the Northeast. A summary of the known infected flocks is attached for your information. The current outbreak has many similarities with the April 1983 Pennsylvania disease. The so called "Low Path" AI virus infection results in a mild respiratory disease, depression with low mortality in layers but up to 20% in broilers. Egg production drops of 30% are common in layers. Lesions in uncomplicated cases are restricted to the respiratory tract. They vary from tracheal edema and catarrhal tracheitis to tracheo-bronchial casts occluding the airway, with severe pulmonary edema and pneumonia.

The major difference this time is that 1) we know the potential for low path H5N2 virus to become virulent fowl plague virus and 2) the states and industry have responded by immediate quarantine and depopulation efforts.

Now the bad news. The infection is still spreading and the USDA while providing much needed assistance in surveillance and epidemiology, are acting in an advisory capacity only and are performing no regulatory function. USDA representatives have indicated that because of the Graham/Ruddman Act it will be extremely difficult to obtain any federal funds for assistance this time.

Two major problems exist in controlling the further spread and eradication of this disease. The role of certain live-haul trucking companies which service an extraordinary live bird speciality market in New York City area appears to be the major route of spread of the Introductory cases in each state (case #1 and #5 in Pennsylvania and the ones in Massachusetts, New Jersey, New York and Connecticut). In addition, five (5) flocks were depopulated because of possible exposure when these trucks entered farms in Delaware. They often do partial load-outs at farms using



dirty crates and trucks from the live market. The crates are also used to house and feed birds at the market and then cross used to go anywhere to pickup birds without cleaning or disinfecting. Some improvement has been made in this process, but the entire speciality marketing process is essentially unknown to us.

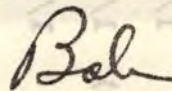
The second major problem is bio-security. Once the infection is introduced into an area it has spread, particularly among flocks serviced and fed by the same feed company. When will all of us learn that bio-security is essential for the industry sake to control many diseases not just when we are in the middle of a flu epornetic?

A note about the virus. Dr. William Bean of St. Jude's Childrens Hospital Microbiology Laboratory reported to USDA that "Both 1986 isolates kill chicken embryos in 3 to 4 days and require trypsin for plaque formation in chick embryo cultures. These features are consistant with our working definition of an avirulent virus.

The results of the antigenic and RNA analyses clearly indicate that the new viruses are related to those of the earlier outbreak. Their closer relationship to the last virus of the outbreak than to the earliest one, suggests that they are descendants of the 1983-84 viruses rather than both being derived from a common third source. The changes in the RNA suggest that the virus has been replicating in the interim and has not been "frozen" either physically or genetically."

The poultry industry in Pennsylvania is now considering what it might have to do IF AI continues to spread and the limited resources to pay for depopulation are exhausted. This may well include a "control" program using quarantine, vaccination and controlled marketing of infected birds. We all hope this will not be necessary! In the meantime, lets hope that in the next replication of the virus the single point mutation needed to become virulent never occurs.

Best regards,



Robert J. Eckroade  
Secretary-Treasurer

RJE/avb



# AVIAN INFLUENZA UPDATE

<u>County &amp; State</u>	<u>Date of Onset</u>	<u>Type of Birds</u>	<u># of Birds</u>	<u>Disposition</u>	<u>Date</u>
1. Snyder, PA	12/27/85	Broilers	14,000	Depopulated	1/10/86
2. Snyder, PA	1/6/86	Turkeys/Broilers	36,000/10,000	Depopulated	1/16/86
3. Snyder, PA	1/9/86	Broilers	20,000	Depopulated	1/11/86
4. MASSACHUSETTS	1/14/86	Broilers	2,700	Depopulated	1/24/86
5. Fulton, PA	1/15/86	Broilers	12,000	Depopulated	1/14/86
6. Schuylkill, PA	1/16/86	Layers	10,500	Depopulated	2/1/86
7. Northumberland, PA	1/18/86	Roasters	9,600	Slaughtered	1/19-22/86
8. NEW JERSEY (Howell)	1/18/86	Layers	17,500	Environmental Swabs + Depopulated	2/4/86
9. Snyder, PA	1/23/86	Pullets/Layers	16,000/115,000	Depopulated	1/29/86
10. Northumberland, PA	1/23/86	Roasters	19,020	(Same owner as #2) Depopulated	2/4/86
11. Northumberland, PA	1/31/86	Brown Egg Cage Layers	9,600	Depopulated	2/6/86
12. NEW YORK (L. I.)	2/86	Broilers	9,600	Depopulated	2/4/86
13. NEW YORK (Brooklyn)	2/86	Live market	50	Depopulated	2/5/86
14. NEW YORK (Manhattan)	2/86	Live market	300	Depopulated	2/5/86
15. Schuylkill, PA	2/5/86	Layers	22,000	Positive	Scheduled 2/12/86
16. NEW JERSEY (dealer)	2/86	Variety	?	Depopulated	2/5/86
17. NEW JERSEY (dealer)	2/86	Variety	1,005	Depopulated	2/5/86
18. Snyder, PA	2/6/86	Broilers	50,000	Positive	
19. CONNECTICUT	2/86	Live market			



AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS SYMPOSIUM

CURRENT PROBLEMS SYMPOSIUM - CASE REPORTS

July 21, 1986 - Atlanta, GA

Georgia World Congress Center, Room 360

8:00 a.m. - Noon

The following 16 papers (approximately 10 minutes each) will be presented with a 30 minute break:

Ophthalmopathy in a Broiler Breeder Flock Reared in Dark Cut Housing - Timothy S. Cummings & J. David French - Athens, GA

High Mortality in Baby Chicks from Arizona Infection - A. S. Dhillon, R. K. Balch & D. M. Schaberg - Puyallup, WA

Avian Malignant Edema in Commercial Broilers - David French & Charles Hofacre - Athens, GA

Swollen Head Syndrome: Isolation of Organisms and Reproduction of a Common Chronic Respiratory Disease in Broilers - Joseph J. Giambrone - Auburn University, AL

Reduction in Turkey Egg Hatchability Associated with Contamination of Egg-Dipping Solutions with Calcium Chloride Coolant - Eric Gonder - Raleigh, NC

Diarrhea Associated with Intestinal Cryptosporidiosis in Chickens - Mark A. Goodwin - Oakwood, GA

Ionophore Intoxication in Broiler Breeders - Frederic J. Hoerr & Robert M. Williams - Auburn, AL & Boaz, AL

Avian Reo Virus Isolation from Brains of 10 Day Old Chicks - Jay Kim, Ernie Gilchrist & Peter Hewitt - Abbotsford, B.C. - CANADA

Laryngotracheitis Outbreak Limited to Part of a Layer House Exposed to Smoke and Monammonium Phosphate Fire Extinguisher - Michael P. Morris - Kennett Square, PA

Cardiomyopathy in Ducklings - W. M. Reed & W. L. Wigle - West Lafayette, IN

A Look at the Incidence and Spread of Laryngotracheitis in Georgia - John H. Schleifer - Oakwood, GA

Sudden Death/Ascites Complex - Simon M. Shane - Baton Rouge, LA

Hemorrhagic Syndrome Associated with High Mortality in Chickens - H. L. Shivaprasad - Ithaca, NY

Infectious Laryngotracheitis in Northwest Arkansas - J. K. Skeeles, J. M. Cockrill, J. T. Tumlin & J. N. Beasley - Springdale, AR

Acute Toxaphene Toxicity in Turkeys - Jeanne M. Smith - Raleigh, NC

Ascites in Turkey Poults: Sodium Ion Intoxication - David E. Swayne, Richard B. Davis & Alan Schlosberg - Athens, GA