

The History of Avian Medicine in the United States. VIII. The American Association of Avian Pathologists. A Thirty-Year History

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FORMATION AND EARLY YEARS

On Tuesday, August 20, 1957, at 4:30 p.m. in Private Dining Room 31, Cleveland Hotel, in Cleveland, Ohio, the American Association of Avian Pathologists was launched. This was the first meeting for the purpose of forming a national association of those working in poultry diseases. Thirty years later, the American Association of Avian Pathologists (AAAP) is an exceptionally effective and strong organization that has served its members, the veterinary profession, the poultry industry, and other avian industries well.

As stated in a 10-year history compiled in 1968, "An organization such as the American Association of Avian Pathologists is not the result of a spontaneous birth."

The organization of AAAP from the 1957 meeting can be documented, but the roots go much deeper and are much more difficult to detail or document. Before the formation of AAAP, the only semblance of a national organization was the Poultry Section at the Annual American Veterinary Medical Association (AVMA) meeting. The American Cyanamid Conferences at Bear Mountain, New York, also brought together many of those in the United States working in poultry diseases. Discussions at these two meetings and at regional meetings gave added stimulus to the idea of a national organization.

As early as 1955, there was communication from Dr. R. F. Gordon in the United Kingdom concerning the formation of an international association of poultry pathologists. In 1956, there was considerable correspondence between Dr. M. S. Hofstad and Dr. L. C. Grumbles, Chairman and Secretary, respectively, to the AVMA Poultry Section, about the possibility of an international association. In a letter dated 25th April 1956, Dr. Gordon stated that at a recent meeting "it was definitely proposed to form a National Association of Poultry Pathologists in Great Britain." The international stimulus, the increased number of veterinarians working in avian diseases, the increasing importance of the poultry industry, and the growing needs of professionals with like interest made it apparent by 1956 that it was time to consider the formation of a national association for those working in poultry diseases in the United States.

Although there was considerable discussion about having a meeting in 1956 during the AVMA meeting in San Antonio, Texas, Dr. Hofstad did not call for a meeting at that time. Dr. Grumbles became Chairman of the Poultry Section in 1957, and he arranged for the meeting in Cleveland. Before arranging the meeting, Dr. Grumbles corresponded with Drs. H. Van Roekel, P. P. Levine, and others and had many personal conversations with Dr. John P. Delaplane about the need for an organization. Dr. Van Roekel suggested that Dr. Grumbles send a questionnaire to some of the leaders in poultry diseases to ascertain the interest in a national organization. This was done, and replies were received from J. O. Alberts, R. A. Bankowski, Cliff W. Barber, H. L. Chute, M. S. Cover, C. H. Cunningham, E. M. Dickinson, W. B. Gross,

C. M. Hamilton, M. S. Hofstad, Erwin Jungherr, P. P. Levine, Norman Olson, B. S. Pomeroy, H. Van Roekel, and V. J. Yates.

Although the individuals listed above were in favor of having a national organization, some qualified their response by "depends on the type of organization." Encouraged by the interest in forming a national organization, a meeting was scheduled by Dr. Grumbles through the AVMA for August 20, 1957, in the Cleveland Hotel. That there was great interest was evident by attendance of 42 at this meeting, and considerable discussion clarified the desire of the group to form a national association. This first meeting was of such historical importance that the list of those attending is included in the Appendix.

Dr. Grumbles presided at the meeting and was elected as Chairman, and Dr. H. L. Chute was elected as Secretary for the next year. It was decided that a committee should be appointed to complete a constitution and finalize other details before the next meeting, which would be in 1958, at the time of the AVMA meeting. Dr. Grumbles appointed the following committee:

Dr. Henry Van Roekel, Department of Veterinary Science, University of Massachusetts, Amherst, Massachusetts.

Dr. J. F. Sullivan, A.R.S.—Animal Disease and Parasite Research Branch, Beltsville, Maryland.

Dr. B. S. Pomeroy, Agricultural Experiment Station, University of Minnesota, St. Paul, Minnesota.

Dr. S. B. Hitchner, Research Veterinarian, A.S.L. Inc., Madison, Wisconsin.

Dr. J. P. Delaplaine, Department of Veterinary Microbiology, Texas A&M College, College Station, Texas.

Dr. A. S. Rosenwald, Extension Poultry Pathologist, University of California, Davis, California.

The organization committee did its work by correspondence and was fortunate to have the opportunity to meet twice during the year. Following the untimely death of Dr. Delaplaine on September 22, 1957, Dr. Grumbles was asked to replace him on the organizing committee. As interim secretary, Dr. Chute was also a part of this committee. Dr. Chute scheduled the second meeting for August 19, 1958, at the Sheraton Hotel, Philadelphia, Pennsylvania. At that meeting, the organization of the American Association of Avian Pathologists was completed. Dr. Van Roekel, Chairman of the Committee, could not attend, and he asked Dr. Hitchner to present the recommendations of the committee. The proposed constitution and by-laws were read and discussed, then a motion, as prepared by the committee, "moved that the group assembled at this meeting in Philadelphia favor the organization of an Association of Avian Pathologists as set forth in the proposed constitution and By-Laws and that the following eligible as charter members formally organize the Association." The motion passed, and the American Association of Avian Pathologists was a reality. The charter members were those with 15 years of experience in poultry diseases. Those meeting this requirement and present at the meeting were immediately designated as charter members, but provisions were made to admit other qualified charter members during the first year. Charter members present at the 1958 Philadelphia meeting were:

Dr. J. O. Alberts, College of Veterinary Medicine, University of Illinois, Urbana, Illinois.

Dr. C. A. Bottorff, Lederle Laboratories, American Cyanamid Company, Pearl River, New York.

Dr. B. R. Burmester, Regional Poultry Disease Laboratory, U.S.D.A., East Lansing, Michigan.

- Dr. M. S. Cover, Department of Animal and Poultry Husbandry, University of Delaware, Newark, Delaware.
- Dr. C. H. Cunningham, Department of Bacteriology, College of Veterinary Medicine, Michigan State University, East Lansing, Michigan.
- Dr. J. F. Harr, Salsbury Laboratories, Charles City, Iowa.
- Dr. S. B. Hitchner, American Scientific Laboratories, Madison, Wisconsin.
- Dr. E. L. Jungherr, Department of Animal Diseases, University of Connecticut, Storrs, Connecticut.
- Dr. P. P. Levine, Department of Pathology and Bacteriology, New York State Veterinary College, Cornell University, Ithaca, New York.
- Dr. F. E. Mullen, Harrisonburg, Virginia.
- Dr. B. S. Pomeroy, Department of Bacteriology, College of Veterinary Medicine, University of Minnesota, St. Paul, Minnesota.
- Dr. W. C. Schofield, Ralston Purina Co., St. Louis, Missouri.

Other charter members admitted during the first year were: R. A. Bankowski, C. W. Barber, C. W. Darby, D. Decamp, P. D. Delay, W. A. Higgins, M. S. Hofstad, H. Lasher, C. D. Lee, C. W. Miller, E. N. Moore, A. S. Rosenwald, P. H. Seitz, H. Van Roekel, and E. F. Waller, making a total of 27 charter members.

Until the formal motion to organize was passed, the proceedings had been carried out democratically with everyone in attendance having an equal voice and vote. Immediately after being installed as the organization, the charter members convened and admitted additional members. Thus there were 47 original members of the embryonic AAAP after the 1958 meeting. The list of those original members is included in the Appendix.

There was much sentiment and an intent to name Dr. Delaplane as a charter member, but no record can be found that this was done. In recognition of Dr. Delaplane's contributions to AAAP formation, Dr. Van Roekel presented the John Paul Delaplane gavel as the official gavel of AAAP in 1960.

The first constitution was a brief and direct document. It was no sooner adopted than it became apparent that changes needed to be made; however, the first constitution, dated July 11, 1958, is sufficiently important to be included as a part of this history. (See Appendix.)

The strength of AAAP has always been the individual members. Leadership has been provided by a succession of dedicated and capable officers. The Presidents and Secretary-Treasurers of AAAP have been:

Term (year)	President	Secretary-Treasurer
1958-59	B. S. Pomeroy	M. S. Cover
1959-60	H. Van Roekel	M. S. Cover
1960-61	S. B. Hitchner	M. S. Cover
1961-62	B. R. Burmester	G. H. Snoeyenbos
1962-63	P. P. Levine	G. H. Snoeyenbos
1963-64	H. L. Chute	G. H. Snoeyenbos
1964-65	C. W. Barber	G. H. Snoeyenbos
1965-66	D. V. Zander	G. H. Snoeyenbos
1966-67	C. A. Bottorff	G. H. Snoeyenbos
1967-68	C. F. Hall	G. H. Snoeyenbos
1968-69	A. S. Rosenwald	G. H. Snoeyenbos
1969-70	F. R. Craig	G. H. Snoeyenbos
1970-71	R. A. Bagley	C. F. Hall
1971-72	M. S. Hofstad	C. F. Hall
1972-73	G. H. Snoeyenbos	C. F. Hall

1973-74	J. T. Tumlin	C. F. Hall
1974-75	L. C. Grumbles	C. F. Hall
1975-76	H. W. Yoder, Jr.	C. F. Hall
1976-77	E. E. Stewart	C. F. Hall
1977-78	R. W. Winterfield	C. F. Hall
1978-79	R. H. McCapes	C. F. Hall
1979-80	Reed Rumsey*	C. F. Hall
1980-81	S. H. Kleven	C. F. Hall
1981-82	B. W. Calnek	C. F. Hall
1982-83	P. E. Poss	R. J. Eckroade
1983-84	A. A. Bickford	R. J. Eckroade
1984-85	C. W. Beard	R. J. Eckroade
1985-86	C. Riddell	R. J. Eckroade
1986-87	B. McMurray	R. J. Eckroade
1987-88	R. L. Witter	R. J. Eckroade

The Board of Directors collectively have given countless hours and helped guide the organization. They are included in the Appendix.

From the beginning, it was intended that the AAAP be incorporated. In the first constitution, incorporation was to be in Illinois, because AVMA was incorporated there, but Dr. Cover was instructed to explore incorporation in Delaware, his home state. He found that in order to incorporate the association, a board of directors was necessary. At the 1959 meeting in Kansas City, it was decided that the board would be composed of one representative from each of the four regions as represented by organized regional groups in avian diseases. The following directors were elected for varying terms to establish a staggered rotation on the board.

- 1 year—Western District—A. S. Rosenwald, California
- 2 years—Eastern District—P. P. Levine, New York
- 3 years—Southern District—A. I. Flowers, Texas
- 4 years—Central District—M. S. Hofstad, Iowa

At the 1959 meeting (2nd formal meeting), other actions of importance were:

1. AAAP should be remotely associated with AVMA.
2. The present name should be retained.
3. Membership requirements as set forth in the present constitution (the one adopted in 1958) should be retained.
4. The present constitution should be retained with minor changes as needed.
5. Permission for the secretary (Dr. Cover) to do all that was necessary to incorporate the organization under the laws of the State of Delaware.

By the 1959 meeting, the AAAP had a paid-up membership of 70 and had become a vigorous organization that has never stopped growing. The early business meetings were long and sometimes went for many hours. Gradually the Board of Directors conducted more of the business and made decisions on important items. Still, the individual member has a voice in the AAAP, and this is part of the strength of the Association.

Other evidence of the maturity and influence of AAAP was the establishment of representation on the House of Delegates of AVMA in 1977 and membership in and representation on the Executive Committee (Board of Directors) of the U.S. Animal Health Association in 1978.

* Replaced, due to illness, by S. H. Kleven in January 1980.

Representatives to the AVMA House of Delegates were:

	Delegate	Alternate
1978-79	A. A. Bickford	S. B. Hitchner
1980-81	S. B. Hitchner	D. A. Halvorson
1982-83	D. A. Halvorson	B. S. Pomeroy
1984-85	B. S. Pomeroy	E. T. Mallinson
1986-87	E. T. Mallinson	C. F. Hall
1988	C. F. Hall	E. T. Mallinson

Representing AAAP to the USAHA were:

- 1978-82—Leland Grumbles
- 1983-Present—Glenn Snoeyenbos

Constitutional changes over the years have been minimal. Significant changes have involved 1) membership requirements, which were modified to accommodate the AVMA, allowing for representation in the AVMA House of Delegates; 2) the addition of life, retired, and student categories of membership; 3) the addition of a Central America/South America district, allowing for expansion of the AAAP into all of the Americas.

Avian Diseases

An original objective of the association was "to encourage the publication of a scientific journal on avian diseases." The opportunity to carry out this objective was realized early in the life of AAAP. The vision and interest of Dr. Levine had led him to start a much-needed journal to publish articles on avian diseases. An announcement prepared by Dr. Levine stated, "The first number of a quarterly journal devoted to publishing articles dealing with the science and control of avian diseases is now in preparation." The Cornell Veterinarian served as publisher of the new journal. The editor was P. P. Levine, and associate editors were Henry Van Roekel, Erwin Jungherr, Robert S. Gentry, Morris Cover, and Harold Chute. The first issue (Vol. 1, No. 1) was dedicated to Dr. Fred Robert Beaudette and was published in May 1957. The subscription price per year was \$5.00.

It was fortunate for the AAAP that this journal was offered to the association. It was equally fortunate that the AAAP was available to take responsibility for the new journal. The AAAP and *Avian Diseases* were started the same year (1957), and the histories of the two have been closely intertwined. The journal was transferred to the AAAP between June 1 and August 1, 1960. Dr. Cover became the business manager, and Dr. Levine remained as editor. The first "Avian Diseases Report" by Dr. Cover as business manager was dated August 1, 1960. This report stated that Dr. Cover traveled by car to Ithaca, N.Y., on May 29, 1960, "to receive instructions from Dr. and Mrs. P. P. Levine in regard to handling the business affairs of Avian Diseases." Dr. Cover transported the records and files to Delaware on May 30th and began his duties as business manager. The final details of the AAAP management and publication of the journal were worked out at the 1960 annual meeting in Denver, Colorado. As of August 1, 1960, there were a total of 887 subscribers.

In summary, the first 3 volumes (1957, 1958, 1959) were published by the Cornell Veterinarian under the guidance of Dr. Levine. AAAP became the publisher with Vol. 4, 1960. When Dr. Cover became business manager, this set a pattern whereby the Secretary-Treasurer of AAAP is also the business manager of *Avian Diseases*.

From the beginning, *Avian Diseases* was a success and was welcomed by the scientific community working in avian diseases. This success was not without prob-

lems, not the least of which was financial. Subscriptions, page charges, and advertising were the major sources of support. Because of limited circulation and the fact that subscribers were mostly working teachers, researchers, extension specialists, and diagnosticians rather than "consumers," it was difficult to attract full-scale advertising suitable for the journal. Dr. C. A. (Cab) Bottorff came up with and almost single-handedly initiated the idea of contributing support in addition to advertisements. By this program, companies could contribute units of support and have this acknowledged in each issue of the journal. This did not rule out other types of advertising by some companies. Contributing support started with the first issue of 1966 and continues as a good source of financial support.

In many ways *Avian Diseases* is unique. For most of the life of the journal it was printed in Ithaca, N.Y., although the business managers were located in Delaware, Massachusetts, Texas, and now Pennsylvania; the editors in New York, California, Texas, and now Georgia; and editorial assistance in California (since moved to Virginia). During his term as editor, Dr. A. S. Rosenwald initiated the employment of Kelvin Deming as assistant to the editors. This proved to be a wise decision and made the role of editor as a part-time job bearable. Since the death of Mr. Deming, the successor firm Deming Editing has continued to supply editorial assistance to *Avian Diseases*.

There have been four editors in the 30-year life of *Avian Diseases*. Dr. Levine, Cornell University at Ithaca, N.Y., was editor for Volumes 1 through 4 (1957-60). The August 1961 issue of *Avian Diseases* was dedicated to Dr. and Mrs. P. P. Levine, and Dr. Levine was designated as Honorary Lifetime Editor in recognition of his dedication and leadership in starting and guiding the journal.

Dr. Rosenwald, University of California, Davis, Ca., was the second editor. He was editor for 6 years, for Volumes 5 through 10 (1961-66).

Dr. Grumbles, Texas A&M University, College Station, Texas, became the third editor and served in that capacity for 7 years (1967-73).

Dr. David P. Anderson, University of Georgia, Athens, Ga., became the fourth editor in January 1974 and continues as the current editor.

Much of the business success of *Avian Diseases* has been the result of efficient and dedicated business managers. There have been four business managers. Dr. Cover, University of Delaware, Newark, Del., was the first business manager of *Avian Diseases* and did much to effect the transition of the journal from the Cornell Veterinarian. He served until 1960.

The second business manager was Dr. G. H. Snoeyenbos, University of Massachusetts, Amherst, Mass. He served from 1960 to 1970. Dr. C. F. Hall, Texas A&M University, College Station, Texas, became the third business manager and served from 1970 to 1982. The fourth and current business manager is Dr. Robert J. Eckroade, University of Pennsylvania, Kennett Square, Pa. He succeeded Dr. Hall in August 1982.

In addition to the editors and business managers, much of the stature and success of the journal must be credited to the Editorial Board members. Many dedicated individuals, too numerous to name, have been responsible for maintaining high scientific standards for the journal.

The publication itself is the best history of *Avian Diseases*. The number of pages printed is also a measure of the success of the journal. The number of pages in each volume was:

Volume	Pages	Volume	Pages
1957-1	355	1973-17	924
1958-2	554	1974-18	686
1959-3	502	1975-19	892

1960—4	560	1976—20	834
1961—5	468	1977—21	738
1962—6	528	1978—22	830
1963—7	520	1979—23	1086
1964—8	697	1980—24	1077
1965—9	635	1981—25	1110
1966—10	593	1982—26	976
1967—11	748	1983—27	1187
1968—12	765	1984—28	1159
1969—13	944	1985—29	1338
1970—14	885	1986—30	912*
1971—15	1008	1987—31	1000
1972—16	1201		

Publications

Although *Avian Diseases* has been and will continue to be the principal publication of the AAAP, early in its history the association recognized its responsibility in other areas. In some instances, the responsibility resulted from the need to perpetuate an existing work (e.g., *Diseases of Poultry*); in others it resulted from the need to develop specialized works to meet specific needs (e.g., slide study sets).

The following represent the more important publications with which the AAAP has been associated over the years.

Diseases of Poultry

This publication has long been recognized as the standard text in the field of avian diseases the world over. First published in 1943 by the Iowa State University Press, *Diseases of Poultry* is now in its eighth edition. These editions were published in 1943, 1948, 1952, 1959, 1965, 1972, 1978, and 1984.

The first five editions were edited by Drs. H. E. Biester and L. H. Schwarte, of Iowa State University, individuals who were the first to be inducted into the AAAP as honorary members. When Drs. Biester and Schwarte retired in the late 1960s, it was their wish that the AAAP assume editorial responsibility for future editions. An agreement to this effect was negotiated by the Iowa State University Press and the AAAP in the fall of 1968. Dr. M. S. Hofstad was asked by the AAAP to chair an editorial committee, which was to include Drs. B. W. Calnek, Charles F. Helmboldt, W. Malcolm Reid, and H. W. Yoder, Jr. This committee recruited authors and directed the publication of the 6th and 7th editions. Following the retirement of Dr. Helmboldt, Dr. H. J. Barnes was appointed to the committee and participated in the development of the 8th edition.

Dr. Hofstad, chairman of the editorial committee, died on June 8, 1986. He will be sorely missed. He was replaced by Dr. Calnek, who currently chairs an editorial committee which includes Dr. Yoder, Dr. Reid, Dr. Barnes, and Dr. C. W. Beard.

Slide Study Sets

In 1970, the AAAP autotutorial committee, chaired by Dr. E. E. Stuart, was charged to develop avian disease teaching aids that could be used in both resident and continuing education programs. At the 1971 AAAP meeting in Detroit, Dr. Stuart

* Change in format led to larger pages starting this year.

presented his slide study concept (an author would develop a set of slides and narrative on a disease within his expertise, the sets to be reproduced and marketed by the AAAP) to the association. The report was well received, and the board authorized the immediate development of four study sets, which became available for distribution in 1972:

1. *Viral Arthritis*—N. O. Olson
2. *Inclusion Body Hepatitis of Chickens*—A. A. Bickford, R. W. Winterfield, and A. M. Fadly.
3. *The Differential Diagnosis of Lymphoid Leukosis and Marek's Disease*—H. G. Purchase and J. M. Sharma
4. *Gross Lesions of Velogenic Viscerotropic Newcastle Disease*—C. W. Beard.

Through 1987, an additional 12 sets have been developed, making a total of 16 sets to date.

Isolation and Identification of Avian Pathogens

This publication had its origin in *Methods for the Examination of Poultry Biologics and for Identifying and Quantifying Avian Pathogens*—Publication 1038. The "Manual of Methods" was published by the National Academy of Science/National Research Council and was the product of the subcommittee on Avian Disease, Committee on Animal Health, Agricultural Board of the council. First published in 1958 (Publication 705), updated versions were published in 1963 (Publication 1038) and in 1971. Members of the subcommittee on Avian Disease in 1958 included Drs. Henry Van Roekel, L. C. Grumbles, A. S. Rosenwald, and R. P. Hanson, Chairman. Dr. S. B. Hitchner was chairman of the editorial committee that produced the 1971 revision.

After the 1971 edition, the National Research Council offered the AAAP the opportunity to take over the future publication of the manual. The AAAP established an editorial committee of Drs. Charles H. Domermuth, H. Graham Purchase, James E. Williams, and S. B. Hitchner (Chairman) to recruit authors and oversee the development of a new manual. The principal thrust of the publication was to be "isolation and identification" rather than on the "examination of poultry biologics," and the name of the manual was to be changed to *Isolation and Identification of Avian Pathogens*. The first edition was published in 1975, and a revised edition was published in 1980.

Avian Disease Manual

The AAAP long recognized the need for a teaching manual that would be available nationwide for students in colleges of veterinary medicine. The need was met when Dr. Charles E. Whiteman of Colorado State University offered to make his Colorado State manual available to the association. The first AAAP edition of the *Avian Disease Manual* was authored by Dr. Whiteman and Dr. A. A. Bickford and published by Colorado State University in 1979. An editorial committee of Drs. H. J. Barnes, R. J. Eckroade, O. J. Fletcher, S. B. Hitchner, and A. C. Straffuss participated in the review of the manual before publication. The 2nd edition of the manual was published in 1983. In 1986, the manual was translated into Spanish by Dr. Hugo Medina with the editorial assistance of Drs. Benjamin Lucio and Pedro Villegas. This became available in 1986.

A Manual of Methods for Laboratory Diagnosis of Avian Chlamydiosis

In recent years, there has been a dramatic increase in the number of psittacine birds kept as pets. The problem of chlamydiosis in such birds and the sporadic problem of chlamydiosis in domestic turkeys dictated the development of this diagnostic manual. The manual was authored by an editorial committee of Drs. Barbara M. Daft, L. C. Grumbles, James E. Pearson, Thomas E. Vice, and J. E. Grimes (Chairman). The manual was published by the AAAP in 1986 and made available for distribution in 1987.

Avian Histopathology

This publication, authored by Dr. C. Riddell and published by the AAAP in 1987, fills a need of long standing. The book is based on a graduate course in avian histopathology taught by the author at The Western College of Veterinary Medicine in Saskatchewan.

Special Issues of Avian Diseases

Two special issues of *Avian Diseases* have been published.

1. *Neuroanatomy of the Domestic Fowl—"Gallus domesticus,"* by Charles F. Helmboldt, was published in April 1969. This publication had its origin in a work by Dr. Erwin Jungherr, whose untimely death had prevented its completion. Dr. Helmboldt, Dr. Jungherr's colleague at the University of Connecticut, completed the treatise.

2. *Control of Marek's Disease* was published as Volume 16, issue No. 1 (April 1972) of *Avian Diseases*. This special issue included the proceedings of a AAAP symposium on Marek's disease held in Detroit, Michigan, on July 19, 1971. The symposium was sponsored by the leukosis committee (Dr. R. L. Witter, Chairman) of the AAAP.

Miscellaneous Publications

Numerous other publications have resulted from AAAP activities. Most of these have been proceedings of symposia sponsored or co-sponsored by the AAAP. Among the more important are:

1. *Newcastle Disease Virus, an Evolving Pathogen*, edited by Drs. R. P. Hanson and published by the University of Wisconsin Press in 1964. This work is the proceedings of an international symposium held in Madison in 1963 and co-sponsored by the University of Wisconsin and the AAAP with the support of the USDA and NIH.

2. *Proceedings: International Symposium on Marek's Disease*, edited by Drs. B. W. Calnek and J. L. Spencer, contains 7 review papers and 34 research papers presented during a symposium held at Cornell University on July 23-26, 1984.

3. *Proceedings: International Symposium on Salmonella*, edited by Dr. G. H. Snoeyenbos, contains 39 papers and summaries of 33 poster presentations presented at the International Symposium on Salmonella in New Orleans, Louisiana, on July 19-20, 1984.

Awards

The awards given by an association are an indication of the philosophy of the organization concerning achievements that are significant and should be encouraged by selecting the recipients who have made significant achievements and contributions.

P. P. Levine Award. Started in 1964 as the Research Paper Award and later renamed, the P. P. Levine Award is presented to the senior author selected as having published the best paper in each volume of *Avian Diseases*. The recipients of this award have been: 1964—W. F. Hughes; 1965—H. W. Yoder; 1966—B. W. Calnek; 1967—R. L. Witter; 1968—W. B. Gross; 1969—C. N. Burke; 1970—R. W. Winterfield; 1971—W. Okazaki; 1972—N. R. Adams; 1973—K. L. Heddleston; 1974—A. M. Fadly; 1975—T. K. Jeffers; 1976—C. Riddell; 1977—B. R. Cho; 1978—F. Al-Sheikhly; 1979—S. R. Hopkins; 1980—D. G. Simmons; 1981—R. L. Witter; 1982—T. E. Toth; 1983—B. W. Calnek; 1984—C. Riddell; 1985—L. B. Crittenden; 1986—A. M. Fadly; 1987—Kenneth Theil.

AAAP Special Service Award. This is the most prestigious award presented by AAAP. It is based on a career of sustained distinguished service to avian medicine, AAAP, and other distinguished professional accomplishments and contributions. The award was started in 1975, and the recipients have been: 1975—C. A. Bottorff; 1976—P. P. Levine; 1977—W. R. Hinshaw; 1978—B. S. Pomeroy; 1979—none presented; 1980—A. S. Rosenwald; 1981—S. B. Hitchner; 1982—G. H. Snoeyenbos; 1983—L. C. Grumbles; 1984—M. S. Hofstad; 1985—C. F. Hall; 1986—W. Malcolm Reid; 1987—Frank Craig.

Upjohn Award. This award, sponsored by the Upjohn Company, was started in 1978 for the purpose of recognizing individuals for current or recent research in avian medicine. Those who have received the award have been: 1978—C. S. Eidson; 1979—N. O. Olson; 1980—S. H. Kleven; 1981—R. P. Hanson; 1982—J. M. Sharma; 1983—J. L. Spencer; 1984—W. B. Gross; 1985—G. H. Snoeyenbos; 1986—Karel A. Schat; 1987—Y. M. Saif.

Reed Rumsey Award. Shortly before his death in 1980, Reed Rumsey made known his intention to make a bequest of \$25,000 to the AAAP for the establishment of a student award program and suggested that any memorials to him be made to that program. The program fund now totals approximately \$40,000, and income derived from it supports one or more annual "Reed Rumsey Student Awards for Advancement of Avian Medicine." Recipients must be either students (graduate or professional) or residents pursuing an existing program in a college of veterinary medicine or appropriate department in an academic institution. Those receiving the Reed Rumsey award have been: 1983—John R. Glisson and F. Deborah Talkington; 1984—Gwen Zellen and Mark Alan Goodwin; 1985—Gary Butcher and Charles Kelleher, Jr.; 1986—Donald L. Reynolds and Thomas Paul Brown; 1987—Charles L. Hofacre and Bedros Nersessian.

This is part of the effort of the AAAP Committee on the History of Avian Medicine in the United States: John Lancaster (Chairman), Charles Broussard, Harold L. Chute, Morris S. Cover, Julius Fabricant, L. C. Grumbles, Charles F. Hall, Steven Hitchner, L. L. Munger, A. S. Rosenwald, and Harry W. Yoder, Jr.

APPENDIX

Membership List
American Association of Avian Pathologists

Name	Address
*1. H. E. Adler	School of Veterinary Medicine, University of California, Davis, California
*2. J. O. Alberts	College of Veterinary Medicine, University of Illinois, Urbana, Illinois
*3. James R. Allen, Jr. 4. Clement I. Angstrom	1209 Master Drive, Decatur, Indiana Veterinary Laboratory, 88 Prince Street, Kingston, New York
*5. Royal A. Bagley 6. R. A. Bankowski	4600 Creek View Drive, Salt Lake City, Utah School of Veterinary Medicine, University of California, Davis, California
*7. Clifford W. Barber	Department of Poultry Science, North Carolina State College, Raleigh, North Carolina
8. Salvador Baz	Ave. Marti #61-14, Mexico 18, D.F., Mexico City, Mexico
9. Joseph N. Beasley	Department of Veterinary Science, Texas A&M College, College Station, Texas
10. C. H. Begland	Veterinary Laboratory, Department of Agriculture, Edmonton, Alberta, Canada
11. William J. Benton	14 Minquil Drive, Newark, Delaware
12. James Bivins	R.D. 3, East Sherman Avenue, Vineland, New Jersey
13. Harry Bondy	408 West 6th Street, Jasper, Indiana
14. W. A. Boney	55 Glenwood Avenue, East Orange, New Jersey
*15. Charles A. Bottorff	6 Fulltorn Road, Levittown, Pennsylvania
16. Clyde I. Boyer	New York Veterinary College, Cornell University, Ithaca, New York
17. Kenneth L. Bullis	Department of Veterinary Science, University of Massachusetts, Amherst, Massachusetts
18. Dr. B. R. Burmester	U.S. Regional Research Laboratory, East Lansing, Michigan
*19. H. L. Chute	University of Maine, Orono, Maine
20. Dr. William E. Clarke	Box 272, Gainesville, Georgia
*21. Dr. Albert S. Cosgrove	Millsboro, Delaware
*22. Morris S. Cover	University of Delaware, Newark, Delaware
23. Dr. Donald W. Cummins	1165 North Druich Woods Street, Decatur, Georgia
24. Dr. C. W. Darby	Research Department, Ralston Purina Company, St. Louis 2, Missouri
25. A. H. Dardiri	P.O. Box 36, Kingston, Rhode Island
*26. Dr. Donald E. Davis	Londres 40, Mexico 6, D.F., Mexico
*27. Daniel DeCamp	Room 2709 U.S.D.A., South Building, Washington 25, D.C.
*28. Paul D. DeLay	Box 241, Southold, New York
*29. J. M. Dixon	Veterinary Science Department, Louisiana State University, Baton Rouge, Louisiana

* Accepted to membership at Philadelphia meeting.

30. Robert Dubose
 31. Daniel P. Ehlers
 *32. Julius Fabricant
 *33. Archie Ingram Flowers
 34. D. W. Francis
 35. Charles Gale
 *36. R. F. Gentry
 *37. M. Adrian Gross
 *38. L. C. Grumbles
 39. Charles Hall
 40. Lyle E. Hanson
 *41. James F. Harr
 42. J. M. Hejl
 43. Wilson Henderson
 *44. William A. Higgins
 *45. Dr. Stephen B. Hitchner
 *46. M. S. Hofstad
 *47. Theodore A. Hymas
 48. D. S. Jaquette
 49. A. C. Jerstad
 *50. Erwin L. Jungherr
 *51. Wayne W. Kirkham
 *52. Albert L. Kleckner
 53. Dr. Bernard Koch
 *54. Hiram N. Lasher
 *55. C. D. Lee
 *56. P. P. Levine
 57. John F. Long
 *58. Forrest C. Love
 59. Robert Mouley
 *60. William J. Mathey, Jr.
 *61. G. S. McKee
 *62. Theodore W. Millen
 63. Claude W. Miller
 64. Milan Mitrovic Assoc.
- Department of Veterinary Science, Virginia Polytechnic Institute, Blacksburg, Virginia
 227 West North Street, Butler, Pennsylvania
 New York State Veterinary College, Cornell University, Ithaca, New York
 1304 Walton Drive, College Station, Texas
 Poultry Department, New Mexico College of Agriculture, State College, New Mexico
 Ohio Agricultural Experiment Station, Wooster, Ohio
 Department of Veterinary Science, Pennsylvania State University, University Park, Pennsylvania
 Regional Poultry Research Laboratory, 3606 East Mt. Hope Road, East Lansing, Michigan
 Department of Veterinary Microbiology, Texas A&M College, College Station, Texas
 Department of Microbiology, Texas A&M College, College Station, Texas
 1306 Pennsylvania Avenue, Urbana, Illinois
 1004 Clinton Street, Mechanicsville, Iowa
 2908 Old Dominion Blvd., Alexandria, Virginia
 Department of Veterinary Science, Purdue University, Lafayette, Indiana
 Box 263, Indianola, Iowa
 American Scientific Laboratories, Box 232, Madison 1, Wisconsin
 Veterinary Medical Research Institute, Iowa State College, Ames, Iowa
 1416 Clover Ct., Midland, Michigan
 Delaware Poultry Laboratory, Millsboro, Delaware
 West Washington Experiment Station, Puyallup, Washington
 Department of Animal Diseases, University of Connecticut, Storrs, Connecticut
 Veterinary Hygiene, Iowa State College, Ames, Iowa
 School of Veterinary Medicine, University of Georgia, Athens, Georgia
 4257 Los Gatos Highway, Santa Cruz, California
 Millsboro, Delaware
 1314 Curtiss, Iowa State College, Ames, Iowa
 New York State Veterinary College, Ithaca, New York
 2662 Ruhl Avenue, Columbus 9, Ohio
 A.M.S. Poultry Pathology Section, Washington, D.C.
 430 New York Avenue, Harrisonburg, Virginia
 161 Spartan Avenue, East Lansing, Michigan
 124 Virginia Street, Fairfax, Virginia
 R.D. #2, Dallas Center, Iowa
 R.D. #3, Mechanicsburg, Pennsylvania
 Dr. Salsbury's Laboratory, Charles City, Iowa

- *65. Earl N. Moore 636 Beall Avenue, Wooster, Ohio
 66. Richard Wayne Moore 4101 Oaklawn, Bryan, Texas
 *67. F. E. Mullen 1130 South Maine, Harrisonburg, Virginia
 68. Saul Narotsky 265 Grove Street, East Aurora, New York
 69. C. L. Nelson Jewell, Iowa
 70. Carl Olson Department of Veterinary Science, University of Wisconsin, Madison 6, Wisconsin
 71. Norman Olson 1030 Willowdale Road, Morgantown, West Virginia
 *72. B. S. Pomeroy 1443 Raymond Avenue, St. Paul, Minnesota
 73. James E. Porter 738 East Lockerman Street, Dover, Delaware
 74. Dr. Livio Raggi University of California, School of Veterinary Medicine, Davis, California
 *75. Thomas V. Raines 117 North Broad Street, Norwich, New York
 76. Frank K. Ramsey Iowa State College, Ames, Iowa
 77. Charles Roberts P.O. Box 409, Linerville, Alabama
 78. Charles S. Roberts Vet. Diag. Lab., Auburn, Alabama
 *79. A. S. Rosenwald 2080 Haring Hall, University of California, Davis, California
 80. Dr. James D. Russell Box 232, American Scientific Laboratories, Madison 1, Wisconsin
 81. Kermit Schaaf Kimber Farms, Inc., Niles, California
 82. William C. Schofield 835 South Eighth Street, St. Louis 2, Missouri
 *83. Palace H. Seitz Pennsylvania V.A.I., Post Office Box 403, Harrisburg, Pennsylvania
 *84. Robert B. Shillinger Livestock Sanitary Service Laboratory, Frederick, Maryland
 *85. Dennis Sikes University of Georgia, Athens, Georgia
 86. Glenn H. Snoeyenbos Department of Veterinary Science, University of Massachusetts, Amherst, Massachusetts
 *87. F. George Sperling 44 Veronica Road, West Chester, Pennsylvania
 *88. James F. Sullivan 2423 Valley Way, Cheverly, Maryland
 89. J. R. E. Taylor DeKalb Agricultural Association, DeKalb, Illinois
 90. Jack T. Tumlin School of Veterinary Medicine, University of Georgia, Athens, Georgia
 91. Henry Van Roekel University of Massachusetts, Amherst, Massachusetts
 92. Dr. Ernest F. Waller 530 Huron Street, Delmar, New York
 93. John R. Watkins 106 Edgemore, Bryan, Texas
 94. John L. West 1947 College Heights Road, 201 B, Manhattan, Kansas
 *95. Robert W. Wichmann School of Veterinary Medicine, University of California, Davis, California
 96. James Edward Williams U.S.D.A., ARS, U.S. Department of Agriculture, Washington 25, D.C.
 97. R. W. Winterfield 425 Eau Claire, Madison 4, Wisconsin
 98. Vance Yates University of Rhode Island, Kingston, Rhode Island

Note. This is a copy of the original list. This document does not list charter member Dr. C. H. Cunningham, nor does it note that Dr. William C. Schofield was accepted to membership at the Philadelphia meeting.

Officers and Directors of AAAP

	1958-59	1959-60	1960-61
President	B. S. Pomeroy	H. Van Roekel	S. B. Hitchner
Vice President	E. L. Jungherr	S. B. Hitchner	H. E. Adler
Secretary-Treasurer	M. S. Cover	M. S. Cover	M. S. Cover
Eastern District		P. P. Levine	P. P. Levine
Southern District		A. I. Flowers	A. I. Flowers
Central District		M. S. Hofstad	M. S. Hofstad
Western District		A. S. Rosenwald	L. G. Raggi
President Ex-Officio			
Director at Large			
Director at Large			
	1961-62	1962-63	1963-64
President	B. R. Burmester	P. P. Levine	H. L. Chute
Vice President	P. P. Levine	H. L. Chute	C. W. Barber
Secretary-Treasurer	G. H. Snoeyenbos	G. H. Snoeyenbos	G. H. Snoeyenbos
Eastern District	H. Van Roekel	H. Van Roekel	H. Van Roekel
Southern District	A. I. Flowers	Don Davis	F. R. Craig
Central District	M. S. Hofstad	M. S. Hofstad	B. S. Pomeroy
Western District	L. G. Raggi	L. R. Raggi	L. G. Raggi
President Ex-Officio			
Director at Large	M. S. Cover	W. F. Hughes	W. F. Hughes
Director at Large	A. L. Kleckner	A. L. Kleckner	J. Fabricant
	1964-65	1965-66	1966-67
President	C. W. Barber	D. V. Zander	C. A. Bottorff
Vice President	D. V. Zander	C. A. Bottorff	C. F. Hall
Secretary-Treasurer	G. H. Snoeyenbos	G. H. Snoeyenbos	G. H. Snoeyenbos
Eastern District	H. Van Roekel	R. F. Gentry	R. F. Gentry
Southern District	F. R. Craig	F. R. Craig	J. T. Tumlin
Central District	B. S. Pomeroy	B. S. Pomeroy	B. S. Pomeroy
Western District	D. E. Stover*	R. A. Bagley	R. A. Bagley
President Ex-Officio			
Director at Large	C. F. Helmboldt	C. F. Helmboldt	H. W. Yoder
Director at Large	M. C. Peckham†	S. B. Hitchner	S. B. Hitchner
	1967-68	1968-69	1969-70
President	C. F. Hall	A. S. Rosenwald	F. R. Craig
Vice President	A. S. Rosenwald	F. R. Craig	R. A. Bagley
Secretary-Treasurer	G. H. Snoeyenbos	G. H. Snoeyenbos	G. H. Snoeyenbos
Eastern District	R. F. Gentry	R. F. Gentry	C. I. Angstrom
Southern District	J. T. Tumlin	J. T. Tumlin	J. T. Tumlin
Central District	M. S. Hofstad	M. S. Hofstad	M. S. Hofstad
Western District	R. A. Bagley	R. H. McCapes	R. H. McCapes
President Ex-Officio		C. F. Hall	A. S. Rosenwald
Director at Large	H. W. Yoder	C. J. Christie	B. L. McMurray
Director at Large	G. J. Christie	M. S. Cover	M. S. Cover

* Resigned. Replaced by R. A. Bagley.

† Replaced Fabricant.

	1970-71	1971-72	1972-73
President	R. A. Bagley	M. S. Hofstad	G. H. Snoeyenbos
Vice President	M. S. Hofstad	G. H. Snoeyenbos	J. T. Tumlin
Secretary-Treasurer	C. F. Hall	C. F. Hall	C. F. Hall
Eastern District	C. I. Angstrom	C. I. Angstrom	C. I. Angstrom
Southern District	H. W. Yoder, Jr.	H. W. Yoder, Jr.	H. W. Yoder, Jr.
Central District	R. W. Winterfield	B. S. Pomeroy	B. S. Pomeroy
Western District	R. H. McCapes	R. H. McCapes	Dean C. Young
President Ex-Officio	F. R. Craig	R. A. Bagley	M. S. Hofstad
Director at Large	B. L. McMurray	B. W. Calnek	B. W. Calnek
Director at Large	J. A. Newman	J. A. Newman	E. E. Stuart
	1973-74	1974-75	1975-76
President	J. T. Tumlin	L. C. Grumbles	H. W. Yoder, Jr.
Vice President	L. C. Grumbles	H. W. Yoder, Jr.	E. E. Stuart
Secretary-Treasurer	C. F. Hall	C. F. Hall	C. F. Hall
Eastern District	E. S. Bryant	E. S. Bryant	E. S. Bryant
Southern District	H. W. Yoder, Jr.	S. A. Vezey	S. A. Vezey
Central District	B. S. Pomeroy	B. S. Pomeroy	R. W. Winterfield
Western District	Dean C. Young	Dean C. Young	Dean C. Young
President Ex-Officio	G. H. Snoeyenbos	J. T. Tumlin	L. C. Grumbles
Director at Large	E. E. Stuart	S. H. Kleven	S. H. Kleven
Director at Large	J. E. Lancaster	J. E. Lancaster	R. W. Keirs
	1976-77	1977-78	1978-79
President	E. E. Stuart	R. W. Winterfield	R. H. McCapes
Vice President	R. W. Winterfield	R. H. McCapes	Reed Rumsey
Secretary-Treasurer	C. F. Hall	C. F. Hall	C. F. Hall
Eastern District	E. S. Bryant	E. S. Bryant	E. S. Bryant
Southern District	S. A. Vezey	S. A. Vezey	W. W. Adams
Central District	Reed Rumsey	Reed Rumsey	Peter Poss
Western District	A. S. Rosenwald	A. S. Rosenwald	A. S. Rosenwald
President Ex-Officio	H. W. Yoder, Jr.	E. E. Stuart	R. W. Winterfield
Director at Large	H. C. Carlson	H. C. Carlson	H. G. Purchase
Director at Large	R. W. Keirs	A. A. Bickford	A. A. Bickford
	1979-80	1980-81	1981-82
President	Reed Rumsey*	S. H. Kleven	Bruce W. Calnek
Vice President	S. H. Kleven	B. W. Calnek	Peter E. Poss
Secretary-Treasurer	C. F. Hall	C. F. Hall	C. F. Hall
Eastern District	E. S. Bryant	E. S. Bryant	Louis van der Heide
Southern District	W. W. Adams	W. W. Adams	W. W. Adams
Central District	R. W. Winterfield	R. W. Winterfield	R. W. Winterfield
Western District	A. S. Rosenwald	C. Riddell	C. Riddell
President Ex-Officio	R. H. McCapes	Vacant	S. H. Kleven
Director at Large	H. G. Purchase	Peter E. Poss	Benjamin Lucio
Director at Large	Peter Poss	R. J. Eckroade	R. J. Eckroade

* Replaced by S. H. Kleven in January 1980.

	1982-83	1983-84	1984-85
President	Peter E. Poss	A. A. Bickford	Charles W. Beard
Vice President	Arthur A. Bickford	C. W. Beard	Craigmyle Riddell
Secretary-Treasurer	Robert J. Eckroade	Robert J. Eckroade	Robert J. Eckroade
Eastern District	Louis Van der Heide	L. Van der Heide	L. Van der Heide
Southern District	C. W. Beard	S. E. Glass	S. E. Glass
Central District	R. W. Winterfield	R. L. Witter	R. L. Witter
Western District	Craigmyle Riddell	Craigmyle Riddell	Don Zander
President Ex-Officio	B. W. Calnek	P. E. Poss	A. A. Bickford
Director at Large	D. W. Waldrip	D. W. Waldrip	Max Colwell
Director at Large	Benjamin Lucio	H. John Barnes	H. John Barnes
	1985-86	1986-87	1987-88
President	Craigmyle Riddell	Birch McMurray	R. L. Witter
Vice President	Birch McMurray	R. L. Witter	D. Anderson
Secretary-Treasurer	Robert J. Eckroade	Robert J. Eckroade	Robert J. Eckroade
Eastern District	L. Van der Heide	L. Van der Heide	L. Van der Heide
Southern District	S. E. Glass	Cal Anthony	Cal Anthony
Central District	R. L. Witter	Dave Halvorsen	Dave Halvorsen
Western District	Don Zander	Don Zander	Don Zander
President Ex-Officio	Charles W. Beard	Craigmyle Riddell	Birch McMurray
Director at Large	Max Colwell	Wm. B. Chase	Max Brugh
Director at Large	Wm. B. Chase	Max Brugh	Y. M. Saif

Constitution

ARTICLE I

Section 1. The name of this organization shall be the American Association of Avian Pathologists.

ARTICLE II

Section 1. The American Association of Avian Pathologists shall be incorporated under the laws of the State of Illinois as a non-profit organization.

ARTICLE III

Objectives

- Section 1. To provide an organization for the promotion of mutual interest of those persons engaged in the field of avian diseases.
- Section 2. To stimulate scientific progress in avian pathology.
- Section 3. To encourage adequate training in poultry diseases and management in schools of veterinary medicine.
- Section 4. To encourage graduate and other forms of advanced training in avian diseases.
- Section 5. To encourage the publication of a scientific journal on avian diseases.

BY-LAWS

ARTICLE IV

Membership

Section 1. The types of membership in this organization shall be:

- (1) Charter member.
- (2) Member.
- (3) Associate member.

Section 2. Qualifications for membership:

- (1) Charter member.

Charter members shall have the qualifications of members and shall be those who have had fifteen years experience in avian pathology joined together at 1957 Annual Meeting of the American Veterinary Medical Association to initiate this association, plus others elected by a two-thirds vote of the original charter membership. These latter must also have fifteen years of experience in avian pathology and shall be elected within the first year following adoption of the constitution and by-laws.

- (2) Member.

(a) Be a member in good standing of the American Veterinary Medical Association.

(b) Have satisfactory moral and ethical standings in the profession and a minimum of three years' experience in avian diseases.

- (3) Associate member.

(a) Persons who have been engaged in some phase of avian pathology for a minimum of three years and who have made significant contributions to the knowledge in this field.

Section 3. Application for membership.

- (1) An applicant for membership (members and associate members) shall be proposed by two members and the application shall be submitted to the Secretary-Treasurer.

- (2) Application for membership (members and associate members) shall be approved by a membership committee and accepted by two-thirds vote of the members present at the annual meeting.

ARTICLE V

Officers

Section 1. The officers of this organization shall consist of the following:

President, Vice-President, and Secretary-Treasurer.

Section 2. The election of these officers and their duties shall be as provided in the by-laws.

ARTICLE VI

Section 1. The organization shall hold an annual meeting in conjunction with the annual meeting of the American Veterinary Medical Association unless specified otherwise by the officers.

Section 2. A special meeting may be called by the President upon the written request of five members in good standing.

ARTICLE VII

Amendments

Section 1. Proposed amendments to this constitution and to the by-laws signed by at least three members in good standing, shall first be submitted to the officers for their consideration. The proposed amendment with the recommendation of the officers will be announced at least thirty (30) days in advance of any regular or special meeting at which time the proposed amendment will be discussed. An affirmative mail vote of at least two-thirds of the membership voting shall be required for the adoption of the amendment.

ARTICLE VIII

Election and Duties of Officers

- Section 1. The President, Vice-President, and Secretary-Treasurer shall be members or charter members elected by secret ballot by a majority vote of the members present. Only members and charter members are entitled to vote. The officers shall serve for one year and until their successors shall have been elected. The first election shall be held at a called meeting of the association and future elections at regular annual meetings.
- Section 2. Nominations for officers shall be made by a committee of three members appointed by the President. Officers shall be ineligible to serve on the nominating committee. Additional nominations may be made in open meeting or by mail by any member or charter member in good standing.
- Section 3. Duties of the President and Vice-President:
- (1) The President shall preside over all meetings of the Association, shall be an *ex-officio* member of all committees, except the nominating committee, and shall perform the usual duties of such office.
 - (2) The President shall appoint the following committees and others as deemed necessary:
 - (a) Nominating committee (three members).
 - (b) Membership committee (three members).
 - (c) Resolutions committee (three members).
 - (3) The Vice-President shall be an *ex-officio* member of all committees, except the nominating committee, preside at meetings in absence of the President, and shall succeed to the office of President should that office be vacated.
- Section 4. Duties of the Secretary-Treasurer:
The Secretary-Treasurer shall serve as executive officer of the Association. He shall conduct business affairs of the organization, collect dues, issue receipts, draw vouchers, and pay bills and expenses. He shall arrange for safe keeping of funds, shall keep records of all transactions and submit a yearly statement of financial affairs to the organization. He shall keep minutes of all meetings and shall perform the usual duties of a Secretary-Treasurer and such other duties as are assigned by the President.

ARTICLE IX

Dues

- Section 1. The dues shall be established annually by the organization.
 Section 2. Dues shall become payable on January 1 of each year and shall be remitted to the Secretary-Treasurer.

ARTICLE X

Conduct of Business

- Section 1. Fifteen eligible voting members shall constitute a quorum.
 Section 2. Suspension of by-laws may be voted at any meeting by unanimous consent of the members present provided a quorum is in attendance.
 Section 3. The Roberts' rules of order, revised, shall govern the conduct of all meetings.

July 11, 1958

Attendance—Avian Pathologists' Meeting

August 20, 1957

J. E. Williams	U.S.D.A., A.R.S., A.D.E. Div.	Washington 25, D.C.
B. R. Burmester	U.S.D.A., A.R.S., A.P.H.—Reg. Poultry Res. Lab.	East Lansing, Mich.
Erwin Jungherr	Univ. of Conn.	Storrs, Conn.
C. H. Cunningham	Mich. State Univ.	East Lansing, Mich.
D. D. Payne	Univ. of Maine	Orono, Maine
M. S. Cover	Univ. of Delaware	Newark, Del.
N. O. Olson	W. Virg. Univ.	Morgantown, W. Va.
C. A. Bottorff	Am. Cyanamid Co.	Pearl River, N.Y.
B. S. Pomeroy	Univ. of Minn.	St. Paul, Minn.
W. B. Gross	Va. Ag. Exp. Sta.	Blacksburg, Va.
D. E. Davis	Texas A&M	College Station, Tex.
A. L. Kleckner	Univ. of Georgia	Athens, Ga.
W. H. Rhodes	Merck & Co., Inc.	Rahway, N.J.
J. O. Alberts	Univ. of Illinois	Urbana, Ill.
T. W. Millen	Hy-Line Poultry Farms	Dallas Center, Iowa
S. B. Hitchner	Am. Scientific Labs., Inc.	Madison, Wis.
J. E. Porter	Merck Research Farm	Dover, Del.
R. L. Kilgore	Ralston Purina Co.	St. Louis, Mo.
R. W. Winterfield	Am. Scientific Labs., Inc.	Madison 1, Wis.
J. H. Sautter	Univ. of Minn.	St. Paul, Minn.
F. E. Mullen	Practitioner	Harrisonburg, Va.
A. S. Cosgrove	Delaware Poultry Lab.	Millsboro, Del.
M. S. Eggert	Va. Dept. of Agric.	Richmond, Va.
J. M. Hejl	AIQ, ARS, USDA	Washington, D.C.
J. F. Harr	Salsbury's Labs.	Charles City, Iowa
H. E. Adler	Univ. of California	Davis, Calif.
D. E. Fogg	Merck & Co., Inc.	Rahway, N.J.

G. S. McKee	U.S. Dept. of Agric. AMS	Washington, D.C.
P. P. Levine	N.Y.S. Vet. College	Ithaca, N.Y.
W. C. Schofield	Ralston Purina Co.	St. Louis, Mo.
J. F. Sullivan	USDA, ARS, ADE	Washington, D.C.
R. E. Omohundro	USDA, ARS, ADE	Washington, D.C.
Hilmer L. Jones	Chas. Pfizer & Co.	Terre Haute, Ind.
W. D. Bolton	Univ. of Vermont	Burlington, Vt.
H. Van Roekel	Univ. of Mass.	Amherst, Mass.
W. G. Walter	U.S. Reg. Poultry Lab.	East Lansing, Mich.
Reed R. Rumsey	Salsbury's Lab.	Charles City, Iowa
J. P. Delaplane	Texas A&M College	College Station, Tex.
L. D. Jones (not commercial)	5515 Blondo St.	Omaha 4, Nebr.
L. C. Grumbles	Texas A&M College	College Station, Tex.
H. L. Chute	Univ. of Maine	Orono, Maine